

California Regional Water Quality Control Board Central Valley Region

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IRRIGATED LANDS PROGRAM: METALS DETECTED IN WATER

The attached table presents preliminary results of metals monitoring associated with the Irrigated Lands Conditional Waiver Program (Program) for the period from July 2004 through October 2005.

The table compares the monitoring results to the most protective criteria listed in the Regional Water Quality Control Board Central Valley Region, Compilation of Water Quality Goals, with some exceptions: results were not compared to goals that were established for the protection of saltwater fish species, nor were they compared to secondary drinking water standards. Results that exceeded the water quality goals are provided in red. Beneficial uses at individual monitoring sites were not considered in this draft data comparison.

The most protective water quality criteria for five of the reported metals (cadmium, copper, lead, nickel and zinc) are often determined using the sample specific hardness, measured as calcium carbonate. In these instances the numeric value used in the Water Quality Goal column was calculated using the sample-specific hardness measurement to determine the appropriate toxic level as identified in the USEPA National Recommended Water Quality Criteria for protection of freshwater aquatic life. Information regarding these criteria and other water quality goals can be found at:

http://www.waterboards.ca.gov/centralvalley/available_documents/index.html#WaterQualityGoals.

Any questions regarding this data may be directed to Margie Lopez-Read at (916) 464-4624 or by email at mlopez-read@waterboards.ca.gov.

Margie Lopez Read, REAII, Chief Monitoring and Assessment Unit Irrigated Lands Conditional Waiver Program

Attachment

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected E Result Method Units Sample Site Berenda Creek at Ave 17.5 west of Madera 07/Jul/2005 UCD PHASE II 0.88 East San Joaquin WQC Arsenic.Total μg/l 0.1 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 22/Jun/2005 LICD PHASE II Arsenic, Total 1.03 μg/L 0.1 UCD PHASE II Berenda Creek at Ave 17.5 west of Madera East San Joaquin WQC 03/Aug/2005 1.39 μg/L μg/L Arsenic.Total 0.1 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 20/Jul/2005 UCD PHASE II Arsenic, Total 0.1 1.53 East San Joaquin WQC East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 07/Jul/2005 UCD PHASE II Boron, Total 0.0084 mg/L mg/L 0.0002 Berenda Creek at Ave 17.5 west of Madera UCD PHASE II 0.0158 0.0002 03/Aug/2005 Boron,Total UCD PHASE II UCD PHASE II East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 20/Jul/2005 Boron, Total 0.024 mg/L 0.0002 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 22/Jun/2005 Boron.Total 0.0693 mg/L 0.0002 07/Jul/2005 UCD PHASE II East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera Copper, Total 3.71 7.43 1.2 0.01 μq/L 1.3 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 22/Jun/2005 UCD PHASE II Copper, Total μg/L 0.01 UCD PHASE II 0.01 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 03/Aug/2005 7.69 Copper, Total μg/L UCD PHASE II 3.1 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 20/Jul/2005 Copper, Total μg/L 0.01 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 07/Jul/2005 UCD PHASE II Lead.Total 0.12 0.15 μg/L 0.01 03/Aug/2005 UCD PHASE II East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 0.13 0.31 0.01 Lead.Total μg/L East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 22/Jun/2005 UCD PHASE II 0.16 0.17 μg/L 0.01 Lead, Total East San Joaquin WQC 03/Aug/2005 20/Jul/2005 UCD PHASE II μg/L μg/L Berenda Creek at Ave 17.5 west of Madera Nickel.Total 0.16 0.01 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera UCD PHASE II Nickel, Total 0.18 0.01 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 07/Jul/2005 LICD PHASE II Nickel, Total 0.19 0.01 μg/L UCD PHASE II Berenda Creek at Ave 17.5 west of Madera 22/Jun/2005 μg/L μg/L East San Joaquin WQC Nickel.Total 0.22 0.01 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 20/Jul/2005 UCD PHASE II Selenium, Total 0.2 0.1 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 07/Jul/2005 LICD PHASE II Selenium, Total 0.31 μg/L 0.1 UCD PHASE II Berenda Creek at Ave 17.5 west of Madera 22/Jun/2005 East San Joaquin WQC Selenium.Total 0.73 μg/L μg/L 0.1 East San Joaquin WQC 20/Jul/2005 UCD PHASE II 0.1 Berenda Creek at Ave 17.5 west of Madera Zinc,Total 0.42 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 07/Jul/2005 UCD PHASE II Zinc.Total 0.52 μg/L 0.1 Berenda Creek at Ave 17.5 west of Madera UCD PHASE II East San Joaquin WQC 03/Aug/2005 0.55 Zinc.Total μg/L μg/L 0.1 East San Joaquin WQC Berenda Creek at Ave 17.5 west of Madera 22/Jun/2005 UCD PHASE II Zinc,Total 0.86 0.1 UCD PHASE II 0.1 0.1 East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County 03/Aug/2004 Arsenic, Total 1.19 μg/L East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County 22/Jul/2004 UCD PHASE II Arsenic.Total 1.24 µg/L East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County 17/Aug/2004 UCD PHASE II Arsenic, Total 1.36 μg/L 0.1 UCD PHASE II Cottonwood Creek at Hwy 145 in Madera County Cottonwood Creek at Hwy 145 in Madera County East San Joaquin WQC 03/Aug/2004 Boron, Total 33.2 mg/L UCD PHASE II East San Joaquin WQC 22/Jul/2004 Boron, Total 46.5 mg/L Cottonwood Creek at Hwy 145 in Madera County Cottonwood Creek at Hwy 145 in Madera County 76 0.011 East San Joaquin WQC 17/Aug/2004 LICD PHASE II Boron, Total mg/L UCD PHASE II 22/Jul/2004 0.002 East San Joaquin WQC Cadmium µg/L East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County 03/Aug/2004 UCD PHASE II Cadmium, Total 0.01 μg/L 0.01 East San Joaquin WQC East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County 17/Aug/2004 22/Jul/2004 UCD PHASE II Cadmium, Total 0.012 μg/L 0.01 Cottonwood Creek at Hwy 145 in Madera County UCD PHASE II Cobalt 0.12 0.002 μg/L Cottonwood Creek at Hwy 145 in Madera County 22/Jul/2004 UCD PHASE II East San Joaquin WQC Coppe μg/L 0.003 East San Joaquin WQC East San Joaquin WQC UCD PHASE II Copper,Total Copper,Total 5.4 Cottonwood Creek at Hwy 145 in Madera County 17/Aug/2004 3.28 μg/L 0.01 Cottonwood Creek at Hwy 145 in Madera County 4.8 03/Aug/2004 UCD PHASE II 4.34 0.003 ua/L East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County 22/Jul/2004 UCD PHASE II Lead 0.11 1.0 μg/L 0.002 Cottonwood Creek at Hwy 145 in Madera County Cottonwood Creek at Hwy 145 in Madera County UCD PHASE II Lead.Total 1.4 1.2 μg/L μg/L East San Joaquin WQC 17/Aug/2004 0.126 0.01 East San Joaquin WQC UCD PHASE II 0.16 0.002 03/Aug/2004 Lead, Total East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County 22/.lul/2004 LICD PHASE II Nickel 0.086 μg/L 0.006 UCD PHASE II Nickel, Total Cottonwood Creek at Hwy 145 in Madera County East San Joaquin WQC 03/Aug/2004 0.22 0.01 µg/L East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County 17/Aug/2004 UCD PHASE II 0.27 μg/L Nickel, Total 0.01 East San Joaquin WQC East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County 17/Aug/2004 UCD PHASE II Selenium.Total 0.118 μg/L 0.1 Cottonwood Creek at Hwy 145 in Madera County 03/Aug/2004 UCD PHASE II Selenium, Total 0.19 ua/L 0.1 East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County 22/Jul/2004 UCD PHASE II μg/L 0.02 Zinc.Total East San Joaquin WQC Cottonwood Creek at Hwy 145 in Madera County Cottonwood Creek at Hwy 145 in Madera County 03/Aug/2004 UCD PHASE II 0.27 μg/L 0.02 East San Joaquin WQC 17/Aug/2004 UCD PHASE II 0.615 Zinc.Total ua/L 0.1 Dry Creek at J9 East San Joaquin WQC 15/Sep/2004 UCD PHASE II Arsenic, Total 0.6 μg/L 0.1 UCD PHASE II 0.752 East San Joaquin WQC Dry Creek at J9 04/Aug/2004 Arsenic.Total μg/L 0.1 UCD PHASE II 0.1 East San Joaquin WQC Dry Creek at J9 01/Sep/2004 Arsenic, Total 0.863 µg/L East San Joaquin WQC Dry Creek at J9 18/Aug/2004 UCD PHASE II Arsenic.Total 1.02 μg/L 0.1 UCD PHASE II East San Joaquin WQC 20/Jul/2004 Dry Creek at J9 Arsenic.Total 1.22 μq/L 0.1 East San Joaquin WQC 20/Jul/2004 UCD PHASE II Boron,Total 10.6 Dry Creek at J9 mg/L East San Joaquin WQC East San Joaquin WQC Dry Creek at J9 01/Sep/2004 UCD PHASE II Boron.Total 17.5 mg/L 0.1 UCD PHASE II Dry Creek at J9 15/Sep/2004 Boron, Total 23.6 0.04 ma/L 18/Aug/2004 UCD PHASE II East San Joaquin WQC Dry Creek at J9 Boron, Total 27.3 mg/L UCD PHASE II East San Joaquin WQC Dry Creek at J9 04/Aug/2004 Boron.Total 30.3 mg/L East San Joaquin WQC Dry Creek at J9 20/Jul/2004 UCD PHASE II Cadmium, Total 0.01 0.01 µg/L East San Joaquin WQC Dry Creek at J9 15/Sep/2004 UCD PHASE II Cadmium, Total 0.01 μg/L 0.01 UCD PHASE II East San Joaquin WQC Dry Creek at J9 01/Sep/2004 Copper, Total 1.67 4.2 μg/L 0.01 UCD PHASE II 3.9 East San Joaquin WQC Dry Creek at J9 . 15/Sep/2004 Copper,Total 1.75 0.01 μg/L East San Joaquin WQC Dry Creek at J9 18/Aug/2004 UCD PHASE II Copper,Total 2.21 3.2 μg/L 0.01 3.6 04/Aug/2004 20/Jul/2004 UCD PHASE II East San Joaquin WQC 2.35 Dry Creek at J9 Copper.Total μg/L 0.01 East San Joaquin WQC UCD PHASE II 2.42 4.5 μg/L 0.003 Dry Creek at J9 Copper, Total East San Joaquin WQC East San Joaquin WQC Dry Creek at J9 15/Sen/2004 UCD PHASE II Lead Total 0.28 0.88 μg/L 0.01 Dry Creek at J9 20/Jul/2004 UCD PHASE II Lead.Total 0.33 ua/L 0.002 1.1 East San Joaquin WQC Dry Creek at J9 18/Aug/2004 UCD PHASE II Lead, Total 0.345 0.65 μg/L 0.01 East San Joaquin WQC East San Joaquin WQC LICD PHASE II μg/L μg/L Dry Creek at J9 01/Sep/2004 Lead Total 0.355 0.96 0.01 Dry Creek at J9 04/Aug/2004 UCD PHASE II Lead, Total 0.496 0.01 UCD PHASE II UCD PHASE II 0.01 East San Joaquin WQC Dry Creek at J9 15/Sep/2004 Nickel, Total 0.56 μg/L 01/Sep/2004 0.947 East San Joaquin WQC Dry Creek at J9 Nickel.Total μg/L 0.01 East San Joaquin WQC Dry Creek at J9 04/Aug/2004 UCD PHASE II Nickel, Total 1.17 0.01 μg/L East San Joaquin WQC Dry Creek at J9 18/Aug/2004 UCD PHASE II Nickel.Total 1.21 μg/L 0.01 UCD PHASE II 20/Jul/2004 East San Joaquin WQC Dry Creek at J9 Nickel.Total 1.35 μq/L 0.01 UCD PHASE II East San Joaquin WQC Dry Creek at J9 04/Aug/2004 Selenium,Total 0.126 μg/L 0.1 01/Sep/2004 20/Jul/2004 East San Joaquin WQC Dry Creek at J9 UCD PHASE II Selenium.Total 0.146 μg/L 0.1 UCD PHASE II East San Joaquin WQC Selenium, Total Dry Creek at J9 0.36 μq/L 0.1 East San Joaquin WQC Dry Creek at J9 01/Sep/2004 UCD PHASE II Zinc,Total μg/L 0.1 1.58 Dry Creek at J9 Dry Creek at J9 Zinc,Total Zinc,Total μg/L μg/L East San Joaquin WQC 20/.lul/2004 UCD PHASE II 1 78 0.02 East San Joaquin WQC UCD PHASE II 1.79 15/Sep/2004 0.1 UCD PHASE II UCD PHASE II East San Joaquin WQC Dry Creek at J9 18/Aug/2004 Zinc,Total 2.19 μg/L 0.1 East San Joaquin WQC Dry Creek at J9 04/Aug/2004 Zinc, Total 3.39 0.1

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected E Result Method Units Sample Site Duck Slough at Arboleda Drive East San Joaquin WQC 15/Sep/2004 UCD PHASE II 0.52 Arsenic.Total μg/l 0.1 LICD PHASE II East San Joaquin WQC Duck Slough at Arboleda Drive 04/Aug/2004 Arsenic, Total 0.567 μg/L 0.1 UCD PHASE II 18/Aug/2004 20/Jul/2004 Duck Slough at Arboleda Drive 0.788 East San Joaquin WQC μg/L μg/L 0.1 Arsenic.Total East San Joaquin WQC Duck Slough at Arboleda Drive UCD PHASE II Arsenic, Total 0.82 0.1 East San Joaquin WQC East San Joaquin WQC Duck Slough at Arboleda Drive Duck Slough at Arboleda Drive 01/Sep/2004 01/Feb/2005 UCD PHASE II Arsenic.Total 1.09 μg/L μg/L 0.1 UCD PHASE II Arsenic,Total 2.14 UCD PHASE II UCD PHASE II East San Joaquin WQC Duck Slough at Arboleda Drive 04/Feb/2005 Arsenic, Total 2.21 μg/L 0.1 East San Joaquin WQC Duck Slough at Arboleda Drive 04/Aug/2004 Boron.Total 5.29 mg/L 15/Sep/2004 UCD PHASE II Boron, Total East San Joaquin WQC Duck Slough at Arboleda Drive 5.29 mg/L 0.04 Duck Slough at Arboleda Drive Duck Slough at Arboleda Drive 01/Sep/2004 18/Aug/2004 7.3 10 East San Joaquin WQC UCD PHASE II Boron, Total mg/L 0.1 UCD PHASE II East San Joaquin WQC Boron.Total mg/L East San Joaquin WQC 04/Feb/2005 UCD PHASE II Duck Slough at Arboleda Drive Boron, Total 15.9 mg/L 0.04 East San Joaquin WQC Duck Slough at Arboleda Drive Duck Slough at Arboleda Drive 01/Feb/2005 UCD PHASE II Boron,Total Cadmium,Total 17.2 mg/L 0.04 UCD PHASE II 01/Feb/2005 0.01 0.01 East San Joaquin WQC µg/L East San Joaquin WQC Duck Slough at Arboleda Drive 04/Feb/2005 UCD PHASE II Cadmium, Total 0.01 μg/L 0.01 East San Joaquin WQC East San Joaquin WQC Duck Slough at Arboleda Drive Duck Slough at Arboleda Drive 18/Aug/2004 20/Jul/2004 UCD PHASE II μg/L μg/L Cadmium.Total 0.015 0.01 UCD PHASE II Cadmium,Total 0.03 0.01 UCD PHASE II UCD PHASE II 1.72 1.74 East San Joaquin WQC Duck Slough at Arboleda Drive 04/Aug/2004 Copper,Total 1.5 1.3 0.01 μg/L Duck Slough at Arboleda Drive 15/Sep/2004 μg/L μg/L East San Joaquin WQC Copper, Total 0.01 East San Joaquin WQC Duck Slough at Arboleda Drive 04/Feb/2005 UCD PHASE II Copper,Total 2.18 8.4 0.01 Duck Slough at Arboleda Drive Duck Slough at Arboleda Drive East San Joaquin WQC 01/Feb/2005 LICD PHASE II Copper,Total 2.66 8.9 μg/L 0.01 UCD PHASE II East San Joaquin WQC 18/Aug/2004 Copper.Total 2.67 1.3 μg/L μg/L 0.01 East San Joaquin WQC Duck Slough at Arboleda Drive 01/Sep/2004 UCD PHASE II 2.7 2.1 Copper,Total 0.01 East San Joaquin WQC East San Joaquin WQC Duck Slough at Arboleda Drive 20/Jul/2004 UCD PHASE II Copper,Total 4.32 1.8 2.0 μg/L 0.003 Duck Slough at Arboleda Drive 04/Feb/2005 UCD PHASE II 0.26 0.01 Lead.Total μg/L East San Joaquin WQC Duck Slough at Arboleda Drive 04/Aug/2004 UCD PHASE II Lead, Total 0.268 0.22 μg/L 0.01 01/Feb/2005 UCD PHASE II 0.3 0.32 2.0 0.17 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04/Aug/2004 01/Feb/2005 0.1 0.1 Duck Slough at Arboleda Drive UCD PHASE II Zinc,Total 1.73 μg/L Duck Slough at Arboleda Drive UCD PHASE II 1.8 Zinc.Total μg/L UCD PHASE II UCD PHASE II East San Joaquin WQC Duck Slough at Arboleda Drive 01/Sep/2004 Zinc,Total 1.81 μg/L 0.1 East San Joaquin WQC Duck Slough at Arboleda Drive 18/Aug/2004 Zinc, Total 2.93 μg/L 0.1 East San Joaquin WQC UCD PHASE II Duck Slough at Arboleda Drive 20/Jul/2004 Zinc,Total 4.68 0.02 ua/L UCD PHASE II UCD PHASE II East San Joaquin WQC Ingalsbe Slough at J17 15/Sep/2004 Arsenic, Total 0.53 μg/L 0.1 Ingalsbe Slough at J17 Ingalsbe Slough at J17 01/Sep/2004 East San Joaquin WQC Arsenic.Total 0.9 μg/L 0.1 UCD PHASE II 0.1 East San Joaquin WQC 04/Aug/2004 Arsenic, Total 1.04 µg/L Ingalsbe Slough at J17 Ingalsbe Slough at J17 18/Aug/2004 20/Jul/2004 East San Joaquin WQC UCD PHASE II Arsenic.Total 1.09 μg/L 0.1 UCD PHASE II East San Joaquin WQC 1.1 7.5 μg/L mg/L Arsenic.Total 0.1 East San Joaquin WQC Ingalsbe Slough at J17 01/Sep/2004 UCD PHASE II Boron,Total East San Joaquin WQC East San Joaquin WQC Ingalsbe Slough at J17 Ingalsbe Slough at J17 Boron, Total Boron, Total 15/Sep/2004 LICD PHASE II 8 mg/L 0.04 UCD PHASE II 10.7 04/Aug/2004 ma/L UCD PHASE II UCD PHASE II East San Joaquin WQC Ingalsbe Slough at J17 18/Aug/2004 Boron, Total 13.6 mg/L μg/L μg/L 0.01 East San Joaquin WQC Ingalsbe Slough at J17 20/Jul/2004 Cadmium.Total 0.01 East San Joaquin WQC Ingalsbe Slough at J17 04/Aug/2004 UCD PHASE II Cadmium, Total 0.012 0.01 East San Joaquin WQC Ingalsbe Slough at J17 18/Aug/2004 UCD PHASE II UCD PHASE II Cadmium, Total 0.015 μg/L 0.01 East San Joaquin WQC Ingalsbe Slough at J17 15/Sep/2004 Copper, Total 0.64 μg/L μg/L 0.01 East San Joaquin WQC Ingalsbe Slough at J17 01/Sep/2004 UCD PHASE II Copper, Total 0.9 0.01 4.3 3.3 4.5 Ingalsbe Slough at J17 Ingalsbe Slough at J17 East San Joaquin WQC 04/Aug/2004 LICD PHASE II Copper, Total 1.68 μg/L 0.01 UCD PHASE II East San Joaquin WQC 20/Jul/2004 μg/L μg/L 0.003 Copper, Total 1.94 East San Joaquin WQC Ingalsbe Slough at J17 18/Aug/2004 UCD PHASE II Copper,Total 0.01 East San Joaquin WQC East San Joaquin WQC Ingalsbe Slough at J17 Ingalsbe Slough at J17 15/Sep/2004 01/Sep/2004 μg/L μg/L LICD PHASE II Lead Total 0.12 0.55 0.01 UCD PHASE II Lead.Total 0.24 0.76 0.01 East San Joaquin WQC Ingalsbe Slough at J17 04/Aug/2004 UCD PHASE II Lead, Total 0.364 1.0 μg/L 0.01 East San Joaquin WQC East San Joaquin WQC Ingalsbe Slough at J17 Ingalsbe Slough at J17 18/Aug/2004 20/Jul/2004 LICD PHASE II μg/L μg/L Lead Total 0.412 1 1 0.01 UCD PHASE II Lead, Total 0.46 0.002 UCD PHASE II UCD PHASE II 0.02 0.504 East San Joaquin WQC Ingalsbe Slough at J17 15/Sep/2004 Nickel, Total μg/L 0.01 Ingalsbe Slough at J17 01/Sep/2004 East San Joaquin WQC Nickel.Total μg/L 0.01 East San Joaquin WQC Ingalsbe Slough at J17 04/Aug/2004 UCD PHASE II Nickel, Total 0.958 μg/L 0.01 East San Joaquin WQC Ingalsbe Slough at J17 Ingalsbe Slough at J17 20/Jul/2004 UCD PHASE II Nickel.Total 0.96 μg/L 0.01 UCD PHASE II 18/Aug/2004 East San Joaquin WQC Nickel.Total 1.01 μg/L 0.01 Ingalsbe Slough at J17 UCD PHASE II East San Joaquin WQC 20/Jul/2004 Selenium,Total 0.15 μg/L 0.1 East San Joaquin WQC East San Joaquin WQC Ingalsbe Slough at J17 Ingalsbe Slough at J17 01/Sep/2004 LICD PHASE II Selenium.Total 0.153 μg/L 0.1 UCD PHASE II 15/Sep/2004 Zinc,Total μg/L 0.95 0.1 East San Joaquin WQC Ingalsbe Slough at J17 01/Sep/2004 UCD PHASE II Zinc,Total 2.15 µg/L 0.1 East San Joaquin WQC East San Joaquin WQC Zinc,Total Zinc,Total μg/L μg/L Ingalsbe Slough at J17 04/Aug/2004 LICD PHASE II 2 88 0.1 Ingalsbe Slough at J17 18/Aug/2004 UCD PHASE II 3.06 0.1 UCD PHASE II UCD PHASE II East San Joaquin WQC Ingalsbe Slough at J17 20/Jul/2004 Zinc,Total 3.34 μg/L 0.02 Owens Creek at Gurr Rd Arsenic Total East San Joaquin WQC 22/Jun/2005 2.11 0.1

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected E Result Method Units Sample Site East San Joaquin WQC 03/Aug/2005 UCD PHASE II 2.38 Owens Creek at Gurr Rd Arsenic.Total μg/L 0.1 3.25 4.34 East San Joaquin WQC Owens Creek at Gurr Rd 20/Jul/2005 LICD PHASE II Arsenic, Total μg/L 0.1 07/Jul/2005 UCD PHASE II East San Joaquin WQC Owens Creek at Gurr Rd μg/L mg/L Arsenic.Total 0.1 East San Joaquin WQC Owens Creek at Gurr Rd 03/Aug/2005 UCD PHASE II Boron, Total 0.0049 0.0002 East San Joaquin WQC East San Joaquin WQC Owens Creek at Gurr Rd 22/Jun/2005 UCD PHASE II Boron, Total 0.0342 mg/L 0.0002 20/Jul/2005 UCD PHASE II 0.0002 Owens Creek at Gurr Rd Boron,Total 0.0399 mg/L UCD PHASE II UCD PHASE II East San Joaquin WQC Owens Creek at Gurr Rd 07/Jul/2005 Boron, Total 0.0637 mg/L 0.0002 East San Joaquin WQC Owens Creek at Gurr Rd 22/Jun/2005 Cadmium.Total 0.03 μg/L 0.01 East San Joaquin WQC 20/Jul/2005 UCD PHASE II Owens Creek at Gurr Rd Cadmium, Total 0.03 µg/L 0.01 03/Aug/2005 07/Jul/2005 East San Joaquin WQC Owens Creek at Gurr Rd UCD PHASE II Cadmium, Total 0.03 μg/L 0.01 UCD PHASE II 0.04 0.01 East San Joaquin WQC Owens Creek at Gurr Rd Cadmium.Total μg/L UCD PHASE II East San Joaquin WQC Owens Creek at Gurr Rd 22/Jun/2005 Copper, Total 4.75 μg/L 0.01 6.3 East San Joaquin WQC Owens Creek at Gurr Rd Owens Creek at Gurr Rd 03/Aug/2005 UCD PHASE II Copper, Total 5.23 6.5 9.2 μg/L 0.01 20/Jul/2005 UCD PHASE II East San Joaquin WQC 6.5 μg/L μg/L 0.01 Copper.Total East San Joaquin WQC Owens Creek at Gurr Rd 07/Jul/2005 UCD PHASE II 8.89 9.9 0.01 Copper,Total East San Joaquin WQC Owens Creek at Gurr Rd UCD PHASE II 1.1 1.39 1.8 1.9 μg/L μg/L 22/Jun/2005 Lead.Total 0.01 East San Joaquin WQC Owens Creek at Gurr Rd 03/Aug/2005 UCD PHASE II Lead,Total 0.01 East San Joaquin WQC Owens Creek at Gurr Rd 07/Jul/2005 LICD PHASE II Lead, Total 1.6 2.0 0.01 μg/L UCD PHASE II Owens Creek at Gurr Rd 20/Jul/2005 μg/L μg/L East San Joaquin WQC Lead.Total 1.8 0.01 East San Joaquin WQC Owens Creek at Gurr Rd 22/Jun/2005 UCD PHASE II Nickel, Total 2.92 0.01 03/Aug/2005 20/Jul/2005 East San Joaquin WQC Owens Creek at Gurr Rd LICD PHASE II Nickel.Total 3.18 μg/L 0.01 UCD PHASE II East San Joaquin WQC Owens Creek at Gurr Rd Nickel.Total 3.87 μg/L μg/L 0.01 East San Joaquin WQC 07/Jul/2005 UCD PHASE II Owens Creek at Gurr Rd Nickel, Total 5.85 0.01 East San Joaquin WQC Owens Creek at Gurr Rd 20/Jul/2005 UCD PHASE II Selenium.Total 0.7 0.73 μg/L 0.1 Owens Creek at Gurr Rd 07/Jul/2005 UCD PHASE II Selenium,Total 0.1 East San Joaquin WQC μg/L μg/L East San Joaquin WQC Owens Creek at Gurr Rd 22/Jun/2005 UCD PHASE II Selenium, Total 0.84 0.1 UCD PHASE II 0.1 East San Joaquin WQC Owens Creek at Gurr Rd 03/Aug/2005 Selenium.Total 1.47 μg/L 10 East San Joaquin WQC Owens Creek at Gurr Rd 03/Aug/2005 UCD PHASE II Zinc.Total μg/L μg/L UCD PHASE II UCD PHASE II East San Joaquin WQC Owens Creek at Gurr Rd 20/Jul/2005 Zinc,Total 13.2 0.1 15.8 27 μg/L μg/L 0.1 0.1 East San Joaquin WQC Owens Creek at Gurr Rd 07/Jul/2005 Zinc.Total 127 East San Joaquin WQC UCD PHASE II Owens Creek at Gurr Rd 22/Jun/2005 Zinc,Total 09/Sep/2004 15/Jul/2004 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith LICD PHASE II Arsenic, Total 1.78 μg/L 0.1 UCD PHASE II East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 1.84 0.1 Arsenic.Total µg/L East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 29/Jul/2004 UCD PHASE II Arsenic, Total 2.6 μg/L 0.1 East San Joaquin WQC East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 12/Aug/2004 UCD PHASE II Arsenic.Total 2.79 μg/L 0.1 Stevinson Lower Lateral at intersection of Faith 26/Aug/2004 UCD PHASE II 2.8 0.1 Arsenic.Total μg/L UCD PHASE II East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 15/Jul/2004 Boron,Total 92.9 mg/L 0.1 East San Joaquin WQC East San Joaquin WQC UCD PHASE II Stevinson Lower Lateral at intersection of Faith 09/Sep/2004 Boron.Total 107 mg/L Stevinson Lower Lateral at intersection of Faith 12/Aug/2004 UCD PHASE II Boron.Total 126 ma/L East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 26/Aug/2004 UCD PHASE II Boron, Total 144 mg/L 0.1 UCD PHASE II mg/L μg/L East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 29/Jul/2004 Boron.Total 149 Cadmium, Total East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith UCD PHASE II 0.01 09/Sep/2004 0.018 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 26/Aug/2004 LICD PHASE II Cadmium. Total 0.027 μg/L 0.01 UCD PHASE II 12/Aug/2004 0.029 0.01 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith Cadmium.Total μg/L East San Joaquin WQC 15/Jul/2004 UCD PHASE II μg/L Stevinson Lower Lateral at intersection of Faith Cadmium, Total 0.03 0.01 East San Joaquin WQC East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 29/Jul/2004 LICD PHASE II Cadmium.Total 0.04μg/L 0.01 Stevinson Lower Lateral at intersection of Faith 09/Sep/2004 UCD PHASE II 0.985 0.01 Copper.Total μg/L East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 26/Aug/2004 UCD PHASE II Copper, Total 1.21 12 10 15 12 2.0 μg/L 0.01 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 15/Jul/2004 UCD PHASE II Copper, Total 1.31 μg/L 0.003 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 29/Jul/2004 UCD PHASE II Copper, Total 1.53 0.003 ua/L East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 12/Aug/2004 UCD PHASE II Copper,Total 1.65 μg/L 0.01 UCD PHASE II 26/Aug/2004 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith Lead.Total 0.06 μg/L 0.01 UCD PHASE II 0.074 2.0 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 09/Sep/2004 0.01 Lead, Total µg/L East San Joaquin WQC 2.0 Stevinson Lower Lateral at intersection of Faith 12/Aug/2004 UCD PHASE II Lead.Total 0.094 μg/L 0.01 UCD PHASE II East San Joaquin WQC 15/Jul/2004 0.12 μg/L μg/L Stevinson Lower Lateral at intersection of Faith Lead.Total 0.002 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 29/Jul/2004 UCD PHASE II 0.16 0.002 Lead, Total East San Joaquin WQC East San Joaquin WQC μg/L μg/L Stevinson Lower Lateral at intersection of Faith 29/Jul/2004 LICD PHASE II Nickel Total 0.26 0.01 UCD PHASE II 0.37 Stevinson Lower Lateral at intersection of Faith 15/Jul/2004 Nickel, Total 0.01 Stevinson Lower Lateral at intersection of Faith UCD PHASE II East San Joaquin WQC 09/Sep/2004 Nickel, Total 0.538 μg/L 0.01 UCD PHASE II μg/L μg/L East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 12/Aug/2004 Nickel.Total 0.743 0.01 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 26/Aug/2004 UCD PHASE II Nickel, Total 0.78 0.01 Selenium,Total East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 09/Sep/2004 UCD PHASE II UCD PHASE II 1.28 μg/L 0.1 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 15/Jul/2004 Selenium.Total 1.45 μg/L μg/L 0.1 Stevinson Lower Lateral at intersection of Faith UCD PHASE II 0.1 East San Joaquin WQC 12/Aug/2004 Selenium, Total 1.55 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 26/Aug/2004 LICD PHASE II Selenium, Total 1.94 μg/L 0.1 UCD PHASE II 29/Jul/2004 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith Selenium.Total 2.38 μg/L μg/L 0.1 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 09/Sep/2004 UCD PHASE II Zinc,Total 0.507 0.1 East San Joaquin WQC East San Joaquin WQC μg/L μg/L Stevinson Lower Lateral at intersection of Faith 15/Jul/2004 LICD PHASE II Zinc.Total 0.66 0.02 UCD PHASE II Stevinson Lower Lateral at intersection of Faith 26/Aug/2004 Zinc.Total 0.758 0.1 East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 29/Jul/2004 UCD PHASE II Zinc,Total 0.02 μg/L LICD PHASE II μg/L μg/L East San Joaquin WQC Stevinson Lower Lateral at intersection of Faith 12/Aug/2004 Zinc.Total 0.826 0.1 UCD PHASE II Arsenic, Total 0.1 Sacramento Valley Antelope Creek at Kansas Avenue 30/Aug/2004 6.57 UCD PHASE II UCD PHASE II 6.99 Sacramento Valley Antelope Creek at Kansas Avenue 12/Aug/2004 Arsenic, Total μg/L 0.1 16/Sep/2004 Sacramento Valley Antelope Creek at Kansas Avenue Arsenic.Total 7.35 μg/L 0.1 Sacramento Valley Antelope Creek at Kansas Avenue 30/Aug/2004 UCD PHASE II Boron, Total 48.7 0.1 mg/L Sacramento Valley Antelope Creek at Kansas Avenue 12/Aug/2004 LICD PHASE II Boron, Total 513 mg/L UCD PHASE II 16/Sep/2004 0.04 Sacramento Valley Antelope Creek at Kansas Avenue Boron.Total 889 700 mg/L 7.8 12 7.9 UCD PHASE II 1.41 Sacramento Valley Antelope Creek at Kansas Avenue . 30/Aug/2004 Copper, Total 0.01 μg/L Antelope Creek at Kansas Avenue Sacramento Valley 12/Aug/2004 LICD PHASE II Copper,Total 1.81 μg/L 0.01 UCD PHASE II 16/Sep/2004 Sacramento Valley Antelope Creek at Kansas Avenue μg/L Copper, Total 1.85 0.01 Antelope Creek at Kansas Avenue 16/Sep/2004 UCD PHASE II 0.04 2.0 µg/L 0.01 Sacramento Valley Lead, Total Sacramento Valley Antelope Creek at Kansas Avenue 2.0 2.0 μg/L μg/L 12/Aug/2004 UCD PHASE II Lead Total 0.05 0.01 Sacramento Valley Antelope Creek at Kansas Avenue UCD PHASE II 0.073 30/Aug/2004 Lead, Total 0.01 UCD PHASE II UCD PHASE II Sacramento Valley Antelope Creek at Kansas Avenue 30/Aug/2004 Nickel, Total 3.78 μg/L 0.01 16/Sep/2004 Sacramento Valley Antelope Creek at Kansas Avenue Nickel.Total 4.08 0.01

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Method Sample Collected F Result Units Sample Site Sacramento Valley 12/Aug/2004 UCD PHASE II 4.41 0.01 Antelope Creek at Kansas Avenue Nickel, Total μg/L Sacramento Valley Antelope Creek at Kansas Avenue 12/Aug/2004 LICD PHASE II Selenium, Total 0.235 μg/L 0.1 UCD PHASE II 30/Aug/2004 0.399 Antelope Creek at Kansas Avenue Selenium.Total μg/L μg/L 0.1 Sacramento Valley Antelope Creek at Kansas Avenue 12/Aug/2004 UCD PHASE II Zinc,Total 0.451 0.1 Sacramento Valley Sacramento Valley Sacramento Valley Antelope Creek at Kansas Avenue 16/Sep/2004 UCD PHASE II Zinc.Total 0.48 μg/L μg/L 0.1 0.1 30/Aug/2004 UCD PHASE II Zinc, Total Antelope Creek at Kansas Avenue 0.59 27/Jun/2005 11/Jul/2005 UCD PHASE II UCD PHASE II Sacramento Valley Bear River at Pleasant Grove Rd. Arsenic,Total 0.28 μg/L 0.1 Sacramento Valley Bear River at Pleasant Grove Rd. Arsenic.Total 0.29 μg/L 0.1 Bear River at Pleasant Grove Rd. UCD PHASE II Sacramento Valley 14/Jun/2005 Arsenic, Total 0.51 µg/L 0.1 25/Jul/2005 11/Jul/2005 Sacramento Valley Bear River at Pleasant Grove Rd. UCD PHASE II Arsenic, Total 0.71 μg/L 0.1 Bear River at Pleasant Grove Rd. UCD PHASE II 0.0034 0.0002 mg/L Sacramento Valley Boron.Total Bear River at Pleasant Grove Rd. UCD PHASE II Sacramento Valley 27/Jun/2005 Boron, Total 0.0042 mg/L 0.0002 Sacramento Valley Bear River at Pleasant Grove Rd. 14/Jun/2005 UCD PHASE II Boron, Total 0.0046 mg/L 0.0002 UCD PHASE II 0.0049 0.0002 Bear River at Pleasant Grove Rd. 25/Jul/2005 Sacramento Valley Boron.Total mg/L Sacramento Valley Bear River at Pleasant Grove Rd. 11/Jul/2005 UCD PHASE II μg/L 0.01 Copper,Total 1.18 Bear River at Pleasant Grove Rd 27/Jun/2005 UCD PHASE II Copper,Total 2.9 3.2 μg/L μg/L Sacramento Valley 1.23 0.01 Sacramento Valley Bear River at Pleasant Grove Rd. 14/Jun/2005 UCD PHASE II Copper,Total 1.39 0.01 1.71 7.6 Sacramento Valley Bear River at Pleasant Grove Rd. 25/Jul/2005 LICD PHASE II 0.01 Copper,Total μg/L UCD PHASE II Bear River at Pleasant Grove Rd. 25/Jul/2005 μg/L μg/L Sacramento Valley Lead.Total 0.01 27/Jun/2005 Sacramento Valley Bear River at Pleasant Grove Rd. UCD PHASE II Lead, Total 0.05 0.55 0.01 Sacramento Valley Bear River at Pleasant Grove Rd. 11/Jul/2005 LICD PHASE II Lead.Total 0.05 0.55 μg/L 0.01 14/Jun/2005 UCD PHASE II Bear River at Pleasant Grove Rd. Sacramento Valley Lead.Total 0.06 μg/L μg/L 0.01 Bear River at Pleasant Grove Rd. 25/Jul/2005 UCD PHASE II Sacramento Valley Nickel, Total 0.53 0.01 Sacramento Valley Bear River at Pleasant Grove Rd 11/Jul/2005 UCD PHASE II Nickel.Total 0.69 μg/L 0.01 Bear River at Pleasant Grove Rd. 27/Jun/2005 UCD PHASE II Sacramento Vallev Nickel.Total 0.8 0.01 µg/L Sacramento Valley Bear River at Pleasant Grove Rd. 14/Jun/2005 UCD PHASE II Nickel, Total 1.05 μg/L 0.01 UCD PHASE II 0.1 0.1 Sacramento Valley Bear River at Pleasant Grove Rd. 11/Jul/2005 Selenium.Total 0.41 μg/L Sacramento Vallev Bear River at Pleasant Grove Rd. 27/Jun/2005 UCD PHASE II Selenium.Total 0.43 μg/L μg/L UCD PHASE II UCD PHASE II Sacramento Valley Bear River at Pleasant Grove Rd. 25/Jul/2005 Selenium, Total 0.89 0.1 Bear River at Pleasant Grove Rd μg/L μg/L 0.1 0.1 Sacramento Valley 11/Jul/2005 Zinc.Total 0.15 Bear River at Pleasant Grove Rd. UCD PHASE II Sacramento Valley 27/Jun/2005 Zinc,Total 0.32 0.5 0.63 0.1 Sacramento Valley Bear River at Pleasant Grove Rd. 25/Jul/2005 LICD PHASE II Zinc,Total μg/L UCD PHASE II Bear River at Pleasant Grove Rd 14/Jun/2005 μg/L μg/L Sacramento Valley Zinc.Total Sacramento Valley Cache Creek 21/Sep/2004 Sacramento Valley Aluminum 500 87* 87* 0.7 Sacramento Valley Cache Creek 20/Aug/2004 Sacramento Valley Aluminum 1200 μg/L μg/L 0.7 Sacramento Valley Cache Creek 20/Aug/2004 1200 700 0.2 Sacramento Vallev Boron.Total 20/Aug/2004 μg/L Sacramento Valley Cache Creek Sacramento Valley Boron, Total 1200 0.2 Sacramento Valley μg/L μg/L Sacramento Valley Cache Creek 21/Sep/2004 Boron.Total 2300 700 0.2 2400 0.2 Sacramento Valley Cache Creek 21/Sep/2004 Sacramento Valley Boron, Total Sacramento Valley Cache Creek 21/Sep/2004 Sacramento Valley Chromium 1.1 μg/L 0.2 20/Aug/2004 21/Sep/2004 1.4 2.7 μg/L μg/L Sacramento Valley Cache Creek Sacramento Valley Chromium 0.2 0.2 Sacramento Valley Cache Creek Sacramento Valley Chromium Sacramento Valley Sacramento Valley Cache Creek 20/Aug/2004 20/Aug/2004 Chromium 6.6 μg/L 0.2 0.2 21 μg/L μg/L Sacramento Valley Cache Creek Sacramento Valley 1.8 Copper 27 27 21 21/Sep/2004 2.3 0.2 Sacramento Valley Cache Creek Sacramento Valley Coppe Sacramento Valley Copper 3.4 4.6 μg/L μg/L Sacramento Valley Cache Creek 21/Sep/2004 0.3 Cache Creek 20/Aug/2004 0.3 Sacramento Valley Sacramento Valley Coppe Sacramento Valley Cache Creek 21/Sep/2004 Sacramento Valley Lead 0.5 μg/L 0.04 Sacramento Valley Cache Creek 20/Aug/2004 Sacramento Valley Lead 0.69 μg/L 0.04 Sacramento Valley Cache Creek 20/Aug/2004 Sac Valley 0.99 0.5 Selenium ua/L Selenium Sacramento Valley Cache Creek 20/Aug/2004 Sac Valley 2.0 μg/L 0.5 21/Sep/2004 Sac Valley Sacramento Valley Cache Creek Selenium 3.0 μg/L 0.5 30/Aug/2004 UCD PHASE II Sacramento Valley China Slough at Tehema and Vina Rd Arsenic, Total 5.3 0.1 µg/L China Slough at Tehema and Vina Rd Sacramento Valley 12/Aug/2004 UCD PHASE II Arsenic.Total 5.47 μg/L 0.1 16/Sep/2004 UCD PHASE II Sacramento Valley China Slough at Tehema and Vina Rd Arsenic.Total 6.45 μg/L mg/L 0.1 China Slough at Tehema and Vina Rd 30/Aug/2004 UCD PHASE II Boron,Total 167 0.1 Sacramento Valley Sacramento Valley China Slough at Tehema and Vina Rd China Slough at Tehema and Vina Rd 12/Aug/2004 UCD PHASE II Boron, Total 169 mg/L UCD PHASE II Boron, Total Sacramento Valley 16/Sep/2004 210 0.04 ma/L UCD PHASE II UCD PHASE II China Slough at Tehema and Vina Rd 16/Sep/2004 Sacramento Valley Copper,Total 0.73 μg/L 0.01 Sacramento Valley China Slough at Tehema and Vina Rd 30/Aug/2004 Copper,Total 1.18 6.8 μg/L 0.01 Sacramento Valley China Slough at Tehema and Vina Rd 12/Aug/2004 UCD PHASE II 1.63 6.4 0.01 Copper,Total μg/L Sacramento Valley China Slough at Tehema and Vina Rd 16/Sep/2004 UCD PHASE II UCD PHASE II Lead, Total 0.14 1.8 μg/L 0.01 Sacramento Valley China Slough at Tehema and Vina Rd 30/Aug/2004 Lead.Total 0.156 μg/L μg/L 0.01 China Slough at Tehema and Vina Rd 12/Aug/2004 UCD PHASE II Sacramento Valley Lead, Total 0.185 0.01 Sacramento Valley China Slough at Tehema and Vina Rd 16/Sep/2004 UCD PHASE II Nickel.Total 0.21 μg/L 0.01 UCD PHASE II China Slough at Tehema and Vina Rd 12/Aug/2004 0.687 Sacramento Valley Nickel.Total μg/L μg/L 0.01 Sacramento Valley China Slough at Tehema and Vina Rd 30/Aug/2004 UCD PHASE II Nickel,Total 0.01 1.04 Sacramento Valley China Slough at Tehema and Vina Rd 30/Aug/2004 UCD PHASE II Zinc.Total 0 441 μg/L 0.1 China Slough at Tehema and Vina Rd UCD PHASE II 0.787 0.1 Sacramento Valley 12/Aug/2004 Zinc.Total ua/L Sacramento Valley China Slough at Tehema and Vina Rd 16/Sep/2004 UCD PHASE II Zinc,Total μg/L 0.1 0.9 Sacramento Valley LICD PHASE II μg/L μg/L Comanche Creek (Angel Slough) at Dayton Rd. 14/Jun/2005 Arsenic.Total 0.13 0.1 Comanche Creek (Angel Slough) at Dayton Rd. UCD PHASE II 0.17 0.1 27/Jun/2005 Arsenic, Total Sacramento Valley UCD PHASE II UCD PHASE II Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd. 11/Jul/2005 Arsenic, Total 0.21 μg/L 0.1 Comanche Creek (Angel Slough) at Dayton Rd 25/Jul/2005 Sacramento Valley Arsenic.Total 0.43 μg/L 0.1 Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd. 14/Jun/2005 UCD PHASE II Boron, Total 0.0167 mg/L 0.0002 Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd. Comanche Creek (Angel Slough) at Dayton Rd. 27/Jun/2005 UCD PHASE II Boron, Total 0.018 mg/L 0.0002 11/Jul/2005 UCD PHASE II 0.0002 Sacramento Valley Boron, Total 0.0205 mg/L Comanche Creek (Angel Slough) at Dayton Rd. 25/Jul/2005 UCD PHASE II Sacramento Valley Boron, Total 0.0208 mg/L 0.0002 Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd. 25/Jul/2005 UCD PHASE II Copper,Total 0.79 7.6 μg/L 0.01 Comanche Creek (Angel Slough) at Dayton Rd. 11/Jul/2005 UCD PHASE II 4.9 0.01 Sacramento Valley 0.84 Copper, Total μq/L Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd. 27/Jun/2005 UCD PHASE II 0.93 3.3 μg/L 0.01 Copper, Total Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd. Comanche Creek (Angel Slough) at Dayton Rd. LICD PHASE II Copper,Total Lead,Total 3.8 2.0 μg/L μg/L 14/Jun/2005 1 11 0.01 25/Jul/2005 UCD PHASE II 0.25 Sacramento Valley 0.01 UCD PHASE II UCD PHASE II 1.2 0.70 Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd. 11/Jul/2005 Lead, Total 0.28 μg/L 0.01 Comanche Creek (Angel Slough) at Dayton Rd 27/Jun/2005 Sacramento Valley Lead.Total 0.31 0.01

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program **Detection Limit** Water Quality Goal Coalition Area Date Name Sample Collected E Method Result Units Sample Site Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd 14/Jun/2005 UCD PHASE II 0.4 0.85 0.01 Lead, Total μg/l LICD PHASE II Nickel, Total Nickel, Total Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd. 25/Jul/2005 0.75 μg/L 0.01 UCD PHASE II 11/Jul/2005 Comanche Creek (Angel Slough) at Dayton Rd μg/L μg/L 0.01 Sacramento Valley 0.8 Comanche Creek (Angel Slough) at Dayton Rd. 27/Jun/2005 UCD PHASE II Nickel, Total 0.9 0.01 Sacramento Valley Sacramento Valley Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd. Comanche Creek (Angel Slough) at Dayton Rd. 14/Jun/2005 UCD PHASE II Nickel.Total 1.14 μg/L μg/L 0.01 0.1 11/Jul/2005 UCD PHASE II 0.18 Selenium,Total UCD PHASE II UCD PHASE II Sacramento Valley Comanche Creek (Angel Slough) at Dayton Rd. 27/Jun/2005 Selenium, Total 0.29 μg/L 0.1 Comanche Creek (Angel Slough) at Dayton Rd Sacramento Valley 14/Jun/2005 Selenium.Total 0.55 μg/L 0.1 Comanche Creek (Angel Slough) at Dayton Rd 11/Jul/2005 UCD PHASE II 0.1 Sacramento Valley Zinc,Total 1.28 μg/L Comanche Creek (Angel Slough) at Dayton Rd. Comanche Creek (Angel Slough) at Dayton Rd. 0.1 Sacramento Valley 25/Jul/2005 UCD PHASE II Zinc,Total 1.34 μg/L 27/Jun/2005 UCD PHASE II Sacramento Valley Zinc.Total 1.92 μg/L μg/L Comanche Creek (Angel Slough) at Dayton Rd. 14/Jun/2005 UCD PHASE II 0.1 Sacramento Valley Zinc,Total 2.47 Sacramento Valley Drain to Walker Cr at County Rd F 11/Jul/2005 UCD PHASE II Arsenic, Total 0.71 μg/L 0.1 Drain to Walker Cr at County Rd F 25/Jul/2005 UCD PHASE II Sacramento Valley Arsenic.Total 1.17 μg/L mg/L 0.1 Sacramento Valley Drain to Walker Cr at County Rd F 25/Jul/2005 UCD PHASE II Boron, Total 0.0532 0.0002 11/Jul/2005 UCD PHASE II mg/L μg/L Sacramento Valley Drain to Walker Cr at County Rd F Boron, Total 0.0545 0.0002 Sacramento Valley Drain to Walker Cr at County Rd F 11/Jul/2005 UCD PHASE II Copper,Total 2.31 0.01 9.6 Drain to Walker Cr at County Rd F Drain to Walker Cr at County Rd F 25/Jul/2005 11/Jul/2005 7.2 Sacramento Valley LICD PHASE II Copper,Total 2.6 0.01 μg/L UCD PHASE II 0.08 μg/L μg/L Sacramento Valley Lead.Total 0.01 Sacramento Valley Drain to Walker Cr at County Rd F 25/Jul/2005 UCD PHASE II Lead, Total 0.1 0.01 Drain to Walker Cr at County Rd F Drain to Walker Cr at County Rd F 11/Jul/2005 25/Jul/2005 2.06 2.93 Sacramento Valley LICD PHASE II Nickel, Total μg/L 0.01 UCD PHASE II Sacramento Valley Nickel.Total μg/L μg/L 0.01 Drain to Walker Cr at County Rd F 25/Jul/2005 UCD PHASE II Sacramento Valley Selenium, Total 0.69 0.1 Sacramento Valley Drain to Walker Cr at County Rd F 11/Jul/2005 UCD PHASE II Selenium.Total 0.76 μg/L 0.1 0.1 Drain to Walker Cr at County Rd F 11/Jul/2005 UCD PHASE II Sacramento Valley Zinc.Total 0.65 μg/L μg/L Sacramento Valley Drain to Walker Cr at County Rd F 25/Jul/2005 UCD PHASE II Zinc,Total 0.97 0.1 Hamilton Slough at Hwy 99 Hamilton Slough at Hwy 99 UCD PHASE II 0.1 0.1 Sacramento Valley 13/Jul/2004 Arsenic, Total 0.49 μg/L Sacramento Vallev 10/Aug/2004 UCD PHASE II Arsenic.Total 0.5 µg/L UCD PHASE II UCD PHASE II Sacramento Valley Hamilton Slough at Hwy 99 24/Aug/2004 Arsenic, Total 0.516 μg/L 0.1 Hamilton Slough at Hwy 99 27/Jul/2004 μg/L μg/L 0.1 Sacramento Valley Arsenic.Total 0.6 Hamilton Slough at Hwy 99 UCD PHASE II 1.23 Sacramento Valley 07/Sep/2004 Arsenic, Total Hamilton Slough at Hwy 99 Hamilton Slough at Hwy 99 10/Aug/2004 24/Aug/2004 2 0.1 Sacramento Valley LICD PHASE II Boron, Total 15.8 mg/L UCD PHASE II Sacramento Valley 17.2 Boron, Total ma/L Sacramento Valley Hamilton Slough at Hwy 99 27/Jul/2004 UCD PHASE II Boron, Total 17.6 mg/L Sacramento Valley Hamilton Slough at Hwy 99 07/Sep/2004 UCD PHASE II Boron, Total 19 mg/L 0.1 Sacramento Valley Hamilton Slough at Hwy 99 13/Jul/2004 UCD PHASE II Boron,Total 39.1 ma/L Hamilton Slough at Hwy 99 13/Jul/2004 UCD PHASE II 0.005 0.002 Sacramento Valley Cadmium μg/L Cadmium,Total UCD PHASE II Sacramento Valley Hamilton Slough at Hwy 99 07/Sep/2004 0.016 μg/L 0.01 Hamilton Slough at Hwy 99 13/Jul/2004 UCD PHASE II 0.27 0.002 Sacramento Valley Cobalt ua/L Sacramento Valley Hamilton Slough at Hwy 99 13/Jul/2004 UCD PHASE II 1.21 μg/L 0.003 Coppe UCD PHASE II Hamilton Slough at Hwy 99 24/Aug/2004 27/Jul/2004 Copper,Total Copper,Total 0.944 4.6 4.5 μg/L μg/L Sacramento Valley 0.01 Hamilton Slough at Hwy 99 UCD PHASE II 1.05 0.003 Sacramento Valley Sacramento Valley Hamilton Slough at Hwy 99 10/Aug/2004 07/Sep/2004 LICD PHASE II Copper,Total 1 29 4.1 7.5 μg/L 0.01 UCD PHASE II 3.69 Hamilton Slough at Hwy 99 0.01 Sacramento Valley Copper.Total μg/L μg/L Hamilton Slough at Hwy 99 13/Jul/2004 UCD PHASE II 1.1 Sacramento Valley Lead 0.15 0.002 Hamilton Slough at Hwy 99 Hamilton Slough at Hwy 99 Sacramento Valley 27/Jul/2004 UCD PHASE II Lead.Total 0.12 1.1 μg/L 0.002 24/Aug/2004 UCD PHASE II Lead.Total 0.137 μg/L 0.01 Sacramento Valley 1.1 Sacramento Valley Hamilton Slough at Hwy 99 10/Aug/2004 UCD PHASE II Lead,Total 0.172 0.93 μg/L 0.01 Sacramento Valley Hamilton Slough at Hwy 99 07/Sep/2004 UCD PHASE II Lead, Tota 0.85 μg/L 0.01 Sacramento Valley 13/Jul/2004 UCD PHASE II Hamilton Slough at Hwy 99 Nickel 0.006 1.5 ua/L Sacramento Valley Hamilton Slough at Hwy 99 27/Jul/2004 UCD PHASE II Nickel.Total 1.46 μg/L 0.01 UCD PHASE II Hamilton Slough at Hwy 99 24/Aug/2004 Sacramento Valley Nickel.Total 1.48 μg/L 0.01 UCD PHASE II 1.69 Sacramento Valley Hamilton Slough at Hwy 99 10/Aug/2004 Nickel, Total 0.01 µg/L 07/Sep/2004 27/Jul/2004 Sacramento Valley Hamilton Slough at Hwy 99 UCD PHASE II Nickel.Total 4.9 μg/L 0.01 UCD PHASE II Sacramento Valley Hamilton Slough at Hwy 99 Selenium.Total 0.12 μq/L 0.1 Hamilton Slough at Hwy 99 07/Sep/2004 UCD PHASE II Selenium,Total 0.156 μg/L 0.1 Sacramento Valley Sacramento Valley Hamilton Slough at Hwy 99 Hamilton Slough at Hwy 99 Zinc Zinc,Total μg/L μg/L 13/Jul/2004 UCD PHASE II 0.79 0.02 UCD PHASE II Sacramento Valley 24/Aug/2004 0.452 0.1 UCD PHASE II UCD PHASE II Hamilton Slough at Hwy 99 27/Jul/2004 Zinc,Total 0.02 Sacramento Valley μg/L μg/L μg/L Sacramento Valley Hamilton Slough at Hwy 99 10/Aug/2004 Zinc, Total 0.985 0.1 Sacramento Valley Hamilton Slough at Hwy 99 07/Sep/2004 UCD PHASE II Zinc,Total 3.56 0.1 Sacramento Valley North Main Canal at Sankey Rd. 28/Jun/2005 UCD PHASE II UCD PHASE II Arsenic,Total 1.22 μg/L 0.1 Sacramento Valley North Main Canal at Sankey Rd. 12/Jul/2005 Arsenic.Total 1.48 μg/L μg/L 0.1 North Main Canal at Sankey Rd. UCD PHASE II 0.1 Sacramento Valley 14/Jun/2005 Arsenic, Total 1.68 Sacramento Valley North Main Canal at Sankey Rd. 26/Jul/2005 UCD PHASE II Arsenic, Total 1.79 μg/L 0.1 UCD PHASE II North Main Canal at Sankey Rd. 0.0002 Sacramento Valley 28/Jun/2005 Boron, Total 0.0272 mg/L mg/L Sacramento Valley North Main Canal at Sankey Rd. 12/Jul/2005 UCD PHASE II Boron,Total 0.0399 0.0002 Sacramento Valley North Main Canal at Sankey Rd. 14/Jun/2005 UCD PHASE II Boron, Total 0.0417 mg/L 0.0002 26/Jul/2005 UCD PHASE II Sacramento Valley North Main Canal at Sankey Rd. Boron, Total 0.0421 ma/L 0.0002 Sacramento Valley North Main Canal at Sankey Rd. 14/Jun/2005 UCD PHASE II Cadmium, Total 0.01 0.01 μg/L Sacramento Valley LICD PHASE II μg/L μg/L North Main Canal at Sankey Rd. 28/Jun/2005 Cadmium Total 0.02 0.01 12/Jul/2005 UCD PHASE II 0.02 0.01 North Main Canal at Sankey Rd. Cadmium, Total Sacramento Valley 26/Jul/2005 26/Jul/2005 UCD PHASE II UCD PHASE II Sacramento Valley North Main Canal at Sankey Rd. Cadmium, Total 0.02 μg/L 0.01 North Main Canal at Sankey Rd. Sacramento Valley Copper, Total 3.71 μg/L 0.01 5.5 5.7 6.1 1.4 Sacramento Valley North Main Canal at Sankey Rd. 14/Jun/2005 UCD PHASE II Copper,Total 4.32 μg/L 0.01 North Main Canal at Sankey Rd. Sacramento Valley 12/Jul/2005 UCD PHASE II Copper, Total 4 47 μg/L 0.01 North Main Canal at Sankey Rd. UCD PHASE II 28/Jun/2005 Sacramento Valley Copper.Total 5.07 μq/L 0.01 UCD PHASE II Sacramento Valley North Main Canal at Sankey Rd. 14/Jun/2005 Lead,Total 0.47 μg/L 0.01 1.6 1.5 1.7 Sacramento Valley North Main Canal at Sankey Rd. 26/Jul/2005 UCD PHASE II Lead.Total 0.73 μg/L 0.01 North Main Canal at Sankey Rd. 12/Jul/2005 UCD PHASE II Sacramento Valley Lead, Total 0.93 0.01 μq/L Sacramento Valley North Main Canal at Sankey Rd. 28/Jun/2005 UCD PHASE II Lead,Total 1.07 μg/L 0.01 Sacramento Valley LICD PHASE II μg/L μg/L North Main Canal at Sankey Rd. 26/Jul/2005 Nickel Total 2 92 0.01 North Main Canal at Sankey Rd. 14/Jun/2005 UCD PHASE II Nickel, Total 3.16 0.01 Sacramento Valley UCD PHASE II UCD PHASE II Sacramento Valley North Main Canal at Sankey Rd. 12/Jul/2005 Nickel, Total 3.53 μg/L 0.01 North Main Canal at Sankey Rd. 28/Jun/2005 Nickel.Total Sacramento Valley 4.3 0.01

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected F Result Method Units Sample Site North Main Canal at Sankey Rd. Sacramento Valley 28/Jun/2005 UCD PHASE II 0.28 Selenium.Total μg/l 0.1 Sacramento Valley North Main Canal at Sankey Rd. 12/Jul/2005 LICD PHASE II Selenium, Total 0.3 μg/L 0.1 UCD PHASE II 26/Jul/2005 North Main Canal at Sankey Rd. Selenium.Total 0.6 μg/L μg/L 0.1 Sacramento Valley North Main Canal at Sankey Rd. 14/Jun/2005 UCD PHASE II Selenium, Total 0.8 0.1 Sacramento Valley Sacramento Valley Sacramento Valley North Main Canal at Sankey Rd. 14/Jun/2005 UCD PHASE II Zinc,Total Zinc,Total 2.66 μg/L μg/L 0.1 North Main Canal at Sankey Rd. 26/Jul/2005 UCD PHASE II 4.3 UCD PHASE II UCD PHASE II Sacramento Valley North Main Canal at Sankey Rd. 12/Jul/2005 Zinc,Total 5.05 μg/L 0.1 Sacramento Valley North Main Canal at Sankey Rd. 28/Jun/2005 Zinc.Total 6.18 μg/L 0.1 N-S Ditch along Natomas Rd 26/Jul/2005 UCD PHASE II 0.1 Sacramento Valley Arsenic, Total 4.5 μg/L N-S Ditch along Natomas Rd N-S Ditch along Natomas Rd Sacramento Valley 12/Jul/2005 UCD PHASE II Arsenic, Total 6.18 μg/L 0.1 28/Jun/2005 UCD PHASE II Sacramento Valley 6.48 0.1 Arsenic.Total μg/L UCD PHASE II 0.1 Sacramento Valley N-S Ditch along Natomas Rd 14/Jun/2005 Arsenic, Total 7.27 μg/L Sacramento Valley N-S Ditch along Natomas Rd 26/Jul/2005 UCD PHASE II Boron Total 0.0972 mg/L 0.0002 N-S Ditch along Natomas Rd 12/Jul/2005 UCD PHASE II 0.0002 Sacramento Valley Boron.Total 0.121 mg/L Sacramento Valley N-S Ditch along Natomas Rd 28/Jun/2005 UCD PHASE II Boron, Total 0.17 mg/L 0.0002 UCD PHASE II Boron, Total Cadmium, Total mg/L μg/L Sacramento Valley N-S Ditch along Natomas Rd 14/Jun/2005 0.173 0.0002 Sacramento Valley N-S Ditch along Natomas Rd 28/Jun/2005 UCD PHASE II 0.01 0.01 Sacramento Valley N-S Ditch along Natomas Rd 12/Jul/2005 LICD PHASE II Cadmium, Total 0.01 0.01 μg/L UCD PHASE II N-S Ditch along Natomas Rd 26/Jul/2005 μg/L μg/L Sacramento Valley Cadmium.Total 0.01 0.01 Sacramento Valley N-S Ditch along Natomas Rd 14/Jun/2005 UCD PHASE II Cadmium, Total 0.03 0.01 N-S Ditch along Natomas Rd N-S Ditch along Natomas Rd 26/Jul/2005 12/Jul/2005 3.6 6.23 Sacramento Valley LICD PHASE II Copper,Total 10.6 μg/L 0.01 UCD PHASE II 12 15 13 2.0 Sacramento Valley Copper, Total μg/L μg/L 0.01 N-S Ditch along Natomas Rd UCD PHASE II Sacramento Valley 28/Jun/2005 Copper, Total 7.85 0.01 Sacramento Valley N-S Ditch along Natomas Rd 14/Jun/2005 UCD PHASE II Copper,Total 16.1 μg/L 0.01 N-S Ditch along Natomas Rd 26/Jul/2005 UCD PHASE II 0.33 0.01 Sacramento Vallev Lead.Total μg/L μg/L Sacramento Valley N-S Ditch along Natomas Rd 12/Jul/2005 UCD PHASE II Lead, Total 0.34 2.0 0.01 UCD PHASE II Sacramento Valley N-S Ditch along Natomas Rd 28/Jun/2005 Lead.Total 0.44 2.0 μg/L 0.01 Sacramento Vallev N-S Ditch along Natomas Rd 14/Jun/2005 UCD PHASE II Lead.Total 0.45 0.01 µg/L UCD PHASE II UCD PHASE II Sacramento Valley N-S Ditch along Natomas Rd 26/Jul/2005 Nickel, Total 4.7 μg/L 0.01 μg/L μg/L Sacramento Valley N-S Ditch along Natomas Rd 12/Jul/2005 Nickel.Total 5.89 0.01 N-S Ditch along Natomas Rd UCD PHASE II 0.01 Sacramento Valley 28/Jun/2005 Nickel, Total N-S Ditch along Natomas Rd N-S Ditch along Natomas Rd 14/Jun/2005 12/Jul/2005 Sacramento Valley LICD PHASE II Nickel, Total 8 98 μg/L 0.01 UCD PHASE II 0.87 μg/L Sacramento Valley Selenium.Total 0.1 Sacramento Valley N-S Ditch along Natomas Rd 14/Jun/2005 UCD PHASE II Selenium, Total 1.23 μg/L 0.1 Sacramento Valley N-S Ditch along Natomas Rd 28/Jun/2005 UCD PHASE II Selenium, Total 1.53 μg/L 0.1 Sacramento Valley N-S Ditch along Natomas Rd 12/Jul/2005 UCD PHASE II Zinc,Total 1.38 0.1 μg/L N-S Ditch along Natomas Rd UCD PHASE II μg/L 0.1 Sacramento Valley 28/Jun/2005 Zinc,Total 1.49 UCD PHASE II 1.74 Sacramento Valley N-S Ditch along Natomas Rd 26/Jul/2005 Zinc, Total μg/L 0.1 UCD PHASE II 0.1 Sacramento Valley N-S Ditch along Natomas Rd 14/Jun/2005 Zinc.Total 2.55 ua/L Sacramento Valley Putah Creek 20/Aug/2004 Sacramento Valley Aluminum 140 390 87* μg/L 0.7 20/Aug/2004 20/Aug/2004 μg/L μg/L Sacramento Valley Putah Creek Sacramento Valley Boron.Total 0.2 Putah Creek Boron, Total 0.2 Sacramento Valley Sacramento Valley 840 700 Sacramento Valley Sacramento Valley Putah Creek 20/Aug/2004 20/Aug/2004 Chromium 1.6 μg/L 0.2 0.2 Sacramento Valley Putah Creek Sacramento Valley 2.3 μg/L μg/L Chromium Putah Creek 20/Aug/2004 1.7 0.2 Sacramento Valley Sacramento Valley Copper 20 Sacramento Valley 20/Aug/2004 20/Aug/2004 20 2.0 Sacramento Valley Putah Creek Coppe 21 μg/L 0.3 Putah Creek Sacramento Valley 0.2 0.04 Sacramento Valley μg/L Lead Sacramento Valley Putah Creek 20/Aug/2004 Sac Valley Selenium 0.8 μg/L 0.5 Sacramento Valley Sacramento Valley Ridge Cut 21/Sep/2004 Aluminum 700 87* μg/L 0.7 Sacramento Valley 2100 87* 0.7 Ridge Cut 20/Aug/2004 Sacramento Valley Aluminum ua/L Sacramento Valley Ridge Cut 21/Sep/2004 Sacramento Valley Boron, Total 1000 700 μg/L 0.2 21/Sep/2004 Sacramento Valley 1400 0.2 Sacramento Valley Ridge Cut Boron.Total 700 μg/L 0.2 Sacramento Valley Ridge Cut 20/Aug/2004 Sacramento Valley Boron, Total 2200 700 μg/L Ridge Cut 20/Aug/2004 Sacramento Valley Sacramento Valley Boron, Total 2400 μg/L 0.2 21/Sep/2004 Sacramento Valley Ridge Cut 0.8 0.2 Sacramento Valley Chromium μq/L 20/Aug/2004 0.9 0.2 Sacramento Valley Ridge Cut Sacramento Valley Chromium μg/L Sacramento Valley Sacramento Valley 21/Sep/2004 20/Aug/2004 μg/L μg/L Ridge Cut Chromium 28 0.2 8.5 0.2 Sacramento Valley Ridge Cut Sacramento Valley Chromium 22 30 22 21/Sep/2004 2 2.5 0.2 Sacramento Valley Ridge Cut Sacramento Valley Coppe μg/L μg/L μg/L Sacramento Valley Ridge Cut 20/Aug/2004 Sac Valley Copper 0.2 Sacramento Valley Ridge Cut 21/Sep/2004 Sacramento Valley 3.2 0.3 Copper Sacramento Valley Ridge Cut 20/Aug/2004 Sacramento Valley Coppe 7.2 0.41 30 2.0 μg/L 0.3 Sacramento Valley Ridge Cut 21/Sep/2004 Sacramento Valley Lead μg/L μg/L 0.04 20/Aug/2004 1.4 Sacramento Valley Ridge Cut Sacramento Valley 0.04 Lead Sac Valley Sacramento Valley Ridge Cut 21/Sep/2004 Selenium 2.0 μg/L 0.5 20/Aug/2004 Sacramento Valley Ridge Cut Sac Valley Selenium μg/L μg/L 0.5 4.0 Sacramento Valley 20/Aug/2004 Sac Valley 5.0 0.5 Ridge Cut Selenium Sacramento Valley 0.1 0.1 Simmerly Slough at Ellis Avenue 10/Aug/2004 UCD PHASE II Arsenic.Total 1 22 μg/L UCD PHASE II Sacramento Valley Simmerly Slough at Ellis Avenue 24/Aug/2004 Arsenic, Total 1.37 ua/L Sacramento Valley Simmerly Slough at Ellis Avenue 27/Jul/2004 UCD PHASE II 1.53 μg/L 0.1 Arsenic, Total Sacramento Valley LICD PHASE II μg/L mg/L Simmerly Slough at Ellis Avenue 07/Sep/2004 Arsenic Total 2 37 0.1 Simmerly Slough at Ellis Avenue UCD PHASE II 0.1 07/Sep/2004 Boron, Total 18.6 Sacramento Valley UCD PHASE II UCD PHASE II Sacramento Valley Simmerly Slough at Ellis Avenue 27/Jul/2004 Boron, Total 26.2 mg/L Simmerly Slough at Ellis Avenue 10/Aug/2004 2 Sacramento Valley Boron.Total 26.5 mg/L Sacramento Valley Simmerly Slough at Ellis Avenue 24/Aug/2004 UCD PHASE II Boron, Total 38 0.1 mg/L Sacramento Valley Simmerly Slough at Ellis Avenue 24/Aug/2004 27/Jul/2004 UCD PHASE II Cadmium.Total 0.016 μg/L 0.01 Simmerly Slough at Ellis Avenue UCD PHASE II Cadmium.Total 0.01 Sacramento Valley 0.02 μq/L UCD PHASE II Sacramento Valley Simmerly Slough at Ellis Avenue 07/Sep/2004 Cadmium, Total 0.022 μg/L 0.01 Sacramento Valley Simmerly Slough at Ellis Avenue 10/Aug/2004 UCD PHASE II Cadmium.Total 0.029 μg/L 0.01 Simmerly Slough at Ellis Avenue UCD PHASE II 24/Aug/2004 Sacramento Valley Copper, Total 2.92 μg/L 0.01 6.5 Simmerly Slough at Ellis Avenue 07/Sep/2004 UCD PHASE II 2.92 5.2 6.2 5.9 μg/L 0.01 Sacramento Valley Copper, Total Sacramento Valley Copper,Total Copper,Total μg/L μg/L Simmerly Slough at Ellis Avenue 27/.lul/2004 UCD PHASE II 3.57 0.003 Simmerly Slough at Ellis Avenue UCD PHASE II Sacramento Valley 10/Aug/2004 4.39 0.01 UCD PHASE II UCD PHASE II 1.7 Sacramento Valley Simmerly Slough at Ellis Avenue 27/Jul/2004 Lead, Total 0.52 μg/L 0.002

24/Aug/2004

Lead.Total

0.525

0.01

Simmerly Slough at Ellis Avenue

Sacramento Valley

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program Water Quality Goal Detection Limit Coalition Area Date Name Sample Collected E Result Method Units Sample Site Sacramento Valley Simmerly Slough at Ellis Avenue 07/Sep/2004 UCD PHASE II 0.01 Lead,Tota 0.62 μg/l Sacramento Valley Simmerly Slough at Ellis Avenue 10/Aug/2004 LICD PHASE II Lead, Total 0.877 1.6 μg/L 0.01 UCD PHASE II 24/Aug/2004 Simmerly Slough at Ellis Avenue Nickel.Total μg/L μg/L 0.01 Sacramento Valley 3.2 Simmerly Slough at Ellis Avenue 07/Sep/2004 UCD PHASE II Nickel, Total 3.23 0.01 Sacramento Valley Sacramento Valley Simmerly Slough at Ellis Avenue 27/Jul/2004 UCD PHASE II Nickel.Total 3.82 μg/L μg/L 0.01 UCD PHASE II 4.32 0.01 Sacramento Valley Simmerly Slough at Ellis Avenue 10/Aug/2004 Nickel, Total UCD PHASE II UCD PHASE II Sacramento Valley Simmerly Slough at Ellis Avenue 07/Sep/2004 Selenium, Total 0.229 μg/L 0.1 Sacramento Valley Simmerly Slough at Ellis Avenue 24/Aug/2004 Zinc.Total 2.89 μg/L 0.1 Simmerly Slough at Ellis Avenue 27/Jul/2004 UCD PHASE II Sacramento Valley Zinc,Total 3.04 μg/L 0.02 Simmerly Slough at Ellis Avenue Simmerly Slough at Ellis Avenue Sacramento Valley 07/Sep/2004 UCD PHASE II Zinc,Total 3.33 μg/L 0.1 UCD PHASE II Sacramento Valley 10/Aug/2004 Zinc.Total 6.83 0.1 μg/L Spring Creek at E. Camp Rd. 28/Jun/2005 UCD PHASE II Sacramento Valley Arsenic, Total 1.47 μg/L 0.1 Sacramento Valley Spring Creek at E. Camp Rd. 12/Jul/2005 UCD PHASE II Arsenic.Total 2.41 μg/L 0.1 UCD PHASE II Spring Creek at E. Camp Rd. 13/Jun/2005 Sacramento Valley Arsenic.Total 2.68 μg/L mg/L 0.1 Spring Creek at E. Camp Rd. 12/Jul/2005 UCD PHASE II Boron, Total 0.0553 0.0002 Sacramento Valley 28/Jun/2005 UCD PHASE II mg/L mg/L Sacramento Valley Spring Creek at E. Camp Rd. Boron, Total 0.0573 0.0002 Sacramento Valley Spring Creek at E. Camp Rd. 13/Jun/2005 UCD PHASE II Boron,Total 0.122 0.0002 Sacramento Valley Spring Creek at E. Camp Rd. 12/Jul/2005 LICD PHASE II Cadmium, Total 0.04 0.01 μg/L UCD PHASE II 0.07 Spring Creek at E. Camp Rd. 28/Jun/2005 μg/L μg/L Sacramento Valley Cadmium.Total 0.09 0.01 Sacramento Valley Spring Creek at E. Camp Rd. 13/Jun/2005 UCD PHASE II Cadmium, Total 0.32 0.07 0.01 Spring Creek at E. Camp Rd. Spring Creek at E. Camp Rd. 12/Jul/2005 28/Jun/2005 11.5 34.2 6.7 Sacramento Valley LICD PHASE II Copper,Total μg/L 0.01 UCD PHASE II Sacramento Valley Copper.Total μg/L μg/L 0.01 Spring Creek at E. Camp Rd. UCD PHASE II 115 15 Sacramento Valley 13/Jun/2005 Copper,Total 0.01 Sacramento Valley Spring Creek at E. Camp Rd. 12/Jul/2005 UCD PHASE II Lead.Total 1.72 1.9 μg/L 0.01 Spring Creek at E. Camp Rd. 28/Jun/2005 UCD PHASE II 2.0 Sacramento Vallev 0.01 Lead.Total 5.96 μg/L μg/L Sacramento Valley Spring Creek at E. Camp Rd. 13/Jun/2005 UCD PHASE II Lead, Total 22.2 2.0 0.01 UCD PHASE II Sacramento Valley Spring Creek at E. Camp Rd. 12/Jul/2005 Nickel.Total 9.61 μg/L 0.01 Sacramento Vallev Spring Creek at E. Camp Rd. 28/Jun/2005 UCD PHASE II Nickel.Total 12 0.01 43.3 µg/L UCD PHASE II UCD PHASE II Sacramento Valley Spring Creek at E. Camp Rd. 13/Jun/2005 Nickel, Total 173 12 μg/L 0.01 15 μg/L μg/L 0.1 0.1 Sacramento Valley Spring Creek at E. Camp Rd. 12/Jul/2005 Zinc.Total 86 Spring Creek at E. Camp Rd. UCD PHASE II 54.4 Sacramento Valley 28/Jun/2005 Zinc,Total 13/Jun/2005 12/Jul/2004 183 0.77 0.1 Sacramento Valley Spring Creek at E. Camp Rd. LICD PHASE II Zinc,Total μg/L UCD PHASE II Spring Creek at Walnut Drive Sacramento Valley μg/L Arsenic.Total Sacramento Valley Spring Creek at Walnut Drive 12/Jul/2005 UCD PHASE II Arsenic, Total 0.95 μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 UCD PHASE II Arsenic.Total 0.99 μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 26/Jul/2005 UCD PHASE II 1.08 0.1 Arsenic.Total μg/L UCD PHASE II 0.1 Sacramento Valley Spring Creek at Walnut Drive 28/Jun/2005 Arsenic, Total 1.19 μg/L Spring Creek at Walnut Drive UCD PHASE II Sacramento Valley 26/Jan/2005 Arsenic.Total 1.25 μg/L 0.1 Spring Creek at Walnut Drive Sacramento Valley 26/Jul/2004 UCD PHASE II Arsenic.Total 1.28 0.1 ua/L Sacramento Valley Spring Creek at Walnut Drive 13/Jun/2005 UCD PHASE II Arsenic, Total 1.34 μg/L 0.1 UCD PHASE II μg/L μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 23/Feb/2005 Arsenic.Total 1.37 29/Jan/2005 Arsenic, Total Spring Creek at Walnut Drive UCD PHASE II 1.45 Sacramento Valley Spring Creek at Walnut Drive Sacramento Valley 09/Aug/2004 18/Feb/2005 LICD PHASE II Arsenic.Total 1.59 μg/L 0.1 UCD PHASE II 1.6 Sacramento Valley Spring Creek at Walnut Drive Arsenic.Total μg/L μg/L 0.1 Spring Creek at Walnut Drive UCD PHASE II 0.1 Sacramento Valley 31/Jan/2005 Arsenic, Total 1.64 Spring Creek at Walnut Drive 0.1 Sacramento Valley 28/Jan/2005 UCD PHASE II Arsenic.Total 1.69 μg/L Spring Creek at Walnut Drive 29/Jan/2005 UCD PHASE II Arsenic, Total 1.7 μg/L Sacramento Valley Spring Creek at Walnut Drive Sacramento Valley 16/Feb/2005 UCD PHASE II Arsenic, Total 1.72 μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 17/Feb/2005 UCD PHASE II Arsenic.Total 1.75 μg/L 0.1 Sacramento Valley Arsenic,Total 0.1 Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II 1.83 ua/L Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Arsenic, Total 1.86 μg/L 0.1 UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 Arsenic.Total 1.86 μg/L 0.1 Sacramento Valley UCD PHASE II 0.1 Spring Creek at Walnut Drive 28/Jan/2005 Arsenic, Total 1.93 µg/L Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 UCD PHASE II Arsenic.Total 2.16 μg/L 0.1 UCD PHASE II Spring Creek at Walnut Drive 03/Feb/2005 2.17 Sacramento Valley Arsenic.Total μq/L 0.1 Spring Creek at Walnut Drive 17/Feb/2005 UCD PHASE II 2.19 0.1 Sacramento Valley Arsenic, Total μg/L Spring Creek at Walnut Drive Sacramento Valley μg/L μg/L 29/Jan/2005 UCD PHASE II Arsenic.Total 2.35 0.1 Spring Creek at Walnut Drive UCD PHASE II 0.1 Sacramento Valley 28/Jan/2005 2.62 Arsenic.Total UCD PHASE II UCD PHASE II Spring Creek at Walnut Drive 19/Feb/2005 Sacramento Valley Arsenic, Total 2.7 μg/L 0.1 3.35 Sacramento Valley Spring Creek at Walnut Drive 16/Feb/2005 Arsenic.Total μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 26/Jul/2005 UCD PHASE II 0.0436 0.0002 Boron, Total mg/L Sacramento Valley Spring Creek at Walnut Drive 12/Jul/2005 UCD PHASE II UCD PHASE II Boron, Total 0.0536 mg/L 0.0002 Sacramento Valley Spring Creek at Walnut Drive 28/Jun/2005 Boron.Total 0.0555 mg/L 0.0002 Spring Creek at Walnut Drive UCD PHASE II Sacramento Valley 13/Jun/2005 Boron, Total 0.166 0.0002 mg/L Spring Creek at Walnut Drive Sacramento Valley 26/Jul/2004 UCD PHASE II Boron, Total 36.5 mg/L UCD PHASE II Spring Creek at Walnut Drive 16/Feb/2005 49.8 0.2 Sacramento Valley Boron.Total mg/L Sacramento Valley Spring Creek at Walnut Drive 09/Aug/2004 UCD PHASE II 62.7 mg/L Boron, Total Sacramento Valley Spring Creek at Walnut Drive 12/Jul/2004 UCD PHASE II Boron.Total 63.6 mg/L UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 18/Feb/2005 Boron, Total 90.7 ma/L 0.2 Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 UCD PHASE II 0.04 Boron, Total 93.1 mg/L Sacramento Valley Spring Creek at Walnut Drive LICD PHASE II 28/Jan/2005 Boron.Total 113 mg/L 0.04 UCD PHASE II Spring Creek at Walnut Drive 19/Feb/2005 Boron, Total 0.2 Sacramento Valley 119 mg/L UCD PHASE II UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 Boron, Total 129 mg/L 0.04 Spring Creek at Walnut Drive Sacramento Valley 29/Jan/2005 Boron.Total 151 mg/L 0.04 Sacramento Valley Spring Creek at Walnut Drive 29/Jan/2005 UCD PHASE II Boron, Total 161 0.04 mg/L Spring Creek at Walnut Drive Sacramento Valley 29/Jan/2005 UCD PHASE II Boron, Total 171 mg/L 0.04 UCD PHASE II Spring Creek at Walnut Drive Sacramento Valley 26/Jan/2005 Boron.Total 175 mg/L 0.04 UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 31/Jan/2005 Boron, Total 204 0.04 mg/L Spring Creek at Walnut Drive Sacramento Valley 23/Feb/2005 UCD PHASE II Boron, Total 207 mg/L 0.2 Spring Creek at Walnut Drive UCD PHASE II 0.2 16/Feb/2005 Sacramento Valley 242 Boron, Total mg/L Spring Creek at Walnut Drive 03/Feb/2005 UCD PHASE II Boron,Total 253 mg/L 0.04 Sacramento Valley Sacramento Valley Spring Creek at Walnut Drive 17/Feb/2005 UCD PHASE II Boron.Total 256 mg/L 0.2 Sacramento Valley Spring Creek at Walnut Drive UCD PHASE II 277 0.04 28/Jan/2005 Boron, Total mg/L UCD PHASE II UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 17/Feb/2005 Boron,Total 277 mg/L 0.2 0.04 319 Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 Boron.Total mg/L

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program Detection Limit ater Quality Goal Coalition Area Date Name Sample Collected E Result Method Units Sample Site Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II 326 Boron, Total mg/L 0.04 Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 LICD PHASE II Boron,Total 448 mg/L 0.04 UCD PHASE II 459 27/Jan/2005 Spring Creek at Walnut Drive Boron.Total 0.04 Sacramento Valley ma/L Spring Creek at Walnut Drive 12/Jul/2004 UCD PHASE II Cadmium 0.018 μg/L 0.002 Sacramento Valley Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Cadmium.Total 0.01 μg/L 0.01 UCD PHASE II 0.01 Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 Cadmium,Total 0.01 µg/L UCD PHASE II UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 23/Feb/2005 Cadmium, Total 0.01 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 09/Aug/2004 Cadmium.Total 0.014 μg/L 0.01 Spring Creek at Walnut Drive 29/Jan/2005 UCD PHASE II Sacramento Valley Cadmium, Total 0.02 µg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 29/Jan/2005 UCD PHASE II Cadmium, Total 0.02 μg/L 0.01 UCD PHASE II Spring Creek at Walnut Drive Sacramento Valley 31/Jan/2005 Cadmium.Total 0.02 0.01 μg/L UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 03/Feb/2005 Cadmium, Total 0.02 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 16/Feb/2005 UCD PHASE II Cadmium.Total 0.02 μg/L 0.01 UCD PHASE II Spring Creek at Walnut Drive 0.01 Sacramento Valley 17/Feb/2005 Cadmium.Total 0.02 μg/L Spring Creek at Walnut Drive 12/Jul/2005 UCD PHASE II Cadmium, Total 0.02 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 UCD PHASE II μg/L μg/L Sacramento Valley Cadmium.Total 0.03 0.01 Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 UCD PHASE II Cadmium,Total 0.03 0.01 Sacramento Valley Spring Creek at Walnut Drive 29/Jan/2005 LICD PHASE II Cadmium, Total 0.03 0.01 μg/L UCD PHASE II 17/Feb/2005 μg/L μg/L Sacramento Valley Spring Creek at Walnut Drive Cadmium.Total 0.03 0.01 Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 UCD PHASE II Cadmium, Total 0.04 0.01 0.04 Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 LICD PHASE II Cadmium, Total μg/L 0.01 UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 16/Feb/2005 Cadmium.Total μg/L μg/L 0.01 Spring Creek at Walnut Drive UCD PHASE II Sacramento Valley 19/Feb/2005 Cadmium, Total 0.04 0.01 Sacramento Valley Spring Creek at Walnut Drive 26/Jul/2004 UCD PHASE II Cadmium.Total 0.05 μg/L 0.01 26/Jan/2005 UCD PHASE II Sacramento Vallev Spring Creek at Walnut Drive 0.05 0.01 Cadmium.Total µg/L Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 UCD PHASE II Cadmium, Total 0.05 μg/L 0.01 UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 28/Jun/2005 Cadmium.Total 0.05 μg/L 0.01 Sacramento Vallev Spring Creek at Walnut Drive 26/Jul/2005 UCD PHASE II Cadmium.Total 0.05 0.01 ua/L UCD PHASE II UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 18/Feb/2005 Cadmium, Total 0.07 0.07 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 13/Jun/2005 Cadmium, Total 0.08 0.07 μg/L 0.01 UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 12/Jul/2004 Cobalt 2.3 0.002 µg/L 12/Jul/2004 27/Jan/2005 11.2 4.26 5.3 22 Sacramento Valley Spring Creek at Walnut Drive LICD PHASE II μg/L 0.003 Copper UCD PHASE II Copper.Total Sacramento Valley Spring Creek at Walnut Drive 0.01 µg/L 24 24 16 Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Copper,Total 4.38 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Copper,Total 5.02 μg/L 0.01 Spring Creek at Walnut Drive 23/Feb/2005 UCD PHASE II 0.01 Sacramento Valley 5.18 Copper.Total μg/L UCD PHASE II 17 Sacramento Valley Spring Creek at Walnut Drive 31/Jan/2005 Copper,Total 5.79 μg/L 0.01 5.5 23 Spring Creek at Walnut Drive UCD PHASE II Sacramento Valley 09/Aug/2004 Copper,Total 5.89 μg/L 0.01 Spring Creek at Walnut Drive 6.44 Sacramento Valley 17/Feb/2005 UCD PHASE II 0.01 Copper.Total μg/L Sacramento Valley Spring Creek at Walnut Drive 03/Feb/2005 UCD PHASE II Copper,Total 7.43 18 16 20 μg/L 0.01 UCD PHASE II μg/L μg/L Sacramento Valley Spring Creek at Walnut Drive 29/Jan/2005 Copper,Total 7.51 0.01 Spring Creek at Walnut Drive UCD PHASE II 7.78 Sacramento Valley 17/Feb/2005 Copper, Total 0.01 Spring Creek at Walnut Drive Copper,Total Sacramento Valley 29/Jan/2005 12/Jul/2005 LICD PHASE II 9 9.25 16 6.5 μg/L 0.01 UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 0.01 Copper.Total µg/L Spring Creek at Walnut Drive UCD PHASE II 9.67 μg/L Sacramento Valley 16/Feb/2005 Copper,Total 8 0.01 Spring Creek at Walnut Drive Sacramento Valley 28/Jan/2005 UCD PHASE II Copper,Total 9.89 13 15 μg/L 0.01 Spring Creek at Walnut Drive 26/Jan/2005 UCD PHASE II 11.2 0.01 Sacramento Valley Copper.Total μg/L Spring Creek at Walnut Drive Sacramento Valley 28/Jan/2005 UCD PHASE II Copper,Total 11.7 13 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 UCD PHASE II Copper, Total 11.9 18 7.2 14 13 μg/L 0.01 Spring Creek at Walnut Drive 26/Jul/2005 UCD PHASE II Copper, Total 0.01 Sacramento Valley ua/L Sacramento Valley Spring Creek at Walnut Drive 29/Jan/2005 UCD PHASE II Copper,Total 13.4 μg/L 0.01 UCD PHASE II 16.9 17.4 Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 Copper, Total μg/L 0.01 Sacramento Valley UCD PHASE II Copper,Total 5.6 Spring Creek at Walnut Drive 26/Jul/2004 0.003 µg/L Sacramento Valley 11 7.7 Spring Creek at Walnut Drive 19/Feb/2005 UCD PHASE II Copper,Total 20.1 μg/L 0.01 UCD PHASE II Spring Creek at Walnut Drive 28/Jun/2005 21 0.01 Sacramento Valley Copper.Total µq/L Spring Creek at Walnut Drive 22.6 UCD PHASE II 8 0.01 Sacramento Valley 16/Feb/2005 Copper, Total μg/L Spring Creek at Walnut Drive Sacramento Valley 5.1 10 μg/L μg/L 26/Jan/2005 UCD PHASE II Copper,Total 23.3 0.01 Spring Creek at Walnut Drive UCD PHASE II 24.9 Sacramento Valley 18/Feb/2005 0.01 Copper.Total 6.7 1.4 Spring Creek at Walnut Drive 13/Jun/2005 UCD PHASE II Sacramento Valley Copper,Total 27.9 μg/L 0.01 UCD PHASE II 1.15 μg/L μg/L Sacramento Valley Spring Creek at Walnut Drive 12/Jul/2004 Lead 0.002 Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Lead,Total 0.27 2.0 0.01 2.0 1.5 2.0 Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Lead, Total 0.31 μg/L 0.01 UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 09/Aug/2004 Lead.Total 0.435 μg/L μg/L 0.01 Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Sacramento Valley Lead, Total 0.47 0.01 Spring Creek at Walnut Drive Sacramento Valley 03/Feb/2005 UCD PHASE II Lead.Total 0.61 2.0 μg/L 0.01 UCD PHASE II 2.0 Spring Creek at Walnut Drive 23/Feb/2005 μg/L μg/L Sacramento Valley Lead.Total 0.69 0.01 Sacramento Valley Spring Creek at Walnut Drive 31/Jan/2005 UCD PHASE II 0.71 2.0 0.01 Lead, Tota Sacramento Valley Spring Creek at Walnut Drive 2.0 2.0 μg/L μg/L 17/Feb/2005 UCD PHASE II Lead Total 0.71 0.01 UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 16/Feb/2005 Lead.Total 0.75 0.01 Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 UCD PHASE II Lead, Total 0.97 2.0 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive LICD PHASE II 2.0 2.0 μg/L μg/L 17/Feb/2005 Lead Total 0.98 0.01 Spring Creek at Walnut Drive 29/Jan/2005 UCD PHASE II Lead, Total 1.21 0.01 Sacramento Valley 0.01 UCD PHASE II UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 12/Jul/2005 Lead, Total 1.33 1.8 μg/L Spring Creek at Walnut Drive 2.0 Sacramento Valley 29/Jan/2005 Lead.Total 1.37 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 UCD PHASE II Lead, Total 1.55 2.0 μg/L 0.01 Spring Creek at Walnut Drive Sacramento Valley 16/Feb/2005 UCD PHASE II Lead.Total 1.84 2.0 μg/L 0.01 UCD PHASE II Spring Creek at Walnut Drive Sacramento Valley 28/Jan/2005 Lead.Total 2.01 μq/L 0.01 UCD PHASE II 2.08 1.5 Sacramento Valley Spring Creek at Walnut Drive 26/Jul/2004 Lead, Total μg/L 0.002 Spring Creek at Walnut Drive Sacramento Valley 19/Feb/2005 UCD PHASE II Lead.Total 2.12 2.0 μg/L 0.01 Spring Creek at Walnut Drive UCD PHASE II 2.0 Sacramento Valley 26/Jul/2005 0.01 Lead, Total 2.13 μq/L Spring Creek at Walnut Drive 28/Jan/2005 UCD PHASE II 2.48 2.0 0.01 Sacramento Valley Lead, Tota μg/L Sacramento Valley Spring Creek at Walnut Drive 1.3 2.0 μg/L μg/L 26/Jan/2005 UCD PHASE II Lead Total 3.08 0.01 Sacramento Valley Spring Creek at Walnut Drive UCD PHASE II 3.15 28/Jun/2005 Lead, Total 0.01 UCD PHASE II UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 Lead, Total 3.2 4.34 2.0 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 13/Jun/2005 Lead.Total 0.01

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program Detection Limit Water Quality Goal Coalition Area Date Name Sample Collected E Result Method Units Sample Site Sacramento Valley Spring Creek at Walnut Drive 18/Feb/2005 UCD PHASE II 2.0 0.01 Lead.Total μg/l Nickel Nickel,Total Sacramento Valley Spring Creek at Walnut Drive 12/Jul/2004 LICD PHASE II 6.64 μg/L 0.006 UCD PHASE II 27/Jan/2005 Spring Creek at Walnut Drive 3.5 μg/L μg/L Sacramento Valley 0.01 Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Nickel, Total 3.91 0.01 Sacramento Valley Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Nickel.Total 4.45 μg/L μg/L 0.01 UCD PHASE II 0.01 Sacramento Valley Spring Creek at Walnut Drive 09/Aug/2004 Nickel, Total 4.55 UCD PHASE II UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 23/Feb/2005 Nickel, Total 5.47 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 31/Jan/2005 Nickel.Total 5.72 μg/L 0.01 Spring Creek at Walnut Drive UCD PHASE II Sacramento Valley 16/Feb/2005 Nickel, Total 5.91 µg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 17/Feb/2005 UCD PHASE II Nickel.Total 6.71 μg/L 0.01 UCD PHASE II Spring Creek at Walnut Drive 03/Feb/2005 Sacramento Valley Nickel.Total 7.26 0.01 μg/L UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 12/Jul/2005 Nickel, Total 8.18 μg/L 0.01 Sacramento Valley Spring Creek at Walnut Drive 17/Feb/2005 UCD PHASE II Nickel.Total 8.19 μg/L 0.01 UCD PHASE II Spring Creek at Walnut Drive 29/Jan/2005 0.01 Sacramento Valley Nickel.Total 8.75 μg/L Sacramento Valley Spring Creek at Walnut Drive 29/Jan/2005 UCD PHASE II Nickel, Total 11.2 μg/L 0.01 Spring Creek at Walnut Drive UCD PHASE II μg/L μg/L Sacramento Valley 26/Jul/2004 Nickel.Total 11.5 0.01 Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 UCD PHASE II Nickel, Total 0.01 12 12 12 12 Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 UCD PHASE II Nickel, Total 12.1 0.01 μg/L UCD PHASE II 26/Jan/2005 14.6 μg/L μg/L Sacramento Valley Spring Creek at Walnut Drive Nickel.Total 0.01 Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 UCD PHASE II Nickel, Total 15.5 0.01 26/Jul/2005 29/Jan/2005 16.6 17.3 Sacramento Valley Spring Creek at Walnut Drive LICD PHASE II Nickel.Total 12 12 12 12 12 12 μg/L 0.01 UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive Nickel.Total μg/L μg/L 0.01 Spring Creek at Walnut Drive UCD PHASE II 20.9 Sacramento Valley 28/Jun/2005 Nickel, Tota 0.01 Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 UCD PHASE II Nickel.Total 23.6 μg/L 0.01 26/Jan/2005 UCD PHASE II Sacramento Vallev Spring Creek at Walnut Drive Nickel.Total 0.01 26.1 μg/L μg/L Sacramento Valley Spring Creek at Walnut Drive 19/Feb/2005 UCD PHASE II Nickel, Total 27.2 0.01 UCD PHASE II 12 12 Sacramento Valley Spring Creek at Walnut Drive 13/Jun/2005 Nickel.Total 27.9 μg/L 0.01 30.2 Sacramento Vallev Spring Creek at Walnut Drive 16/Feb/2005 UCD PHASE II Nickel.Total 0.01 µg/L UCD PHASE II UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 18/Feb/2005 Nickel, Total 51.5 μg/L 0.01 0.1 0.1 Sacramento Valley Spring Creek at Walnut Drive 09/Aug/2004 Selenium.Total 0.21 μg/L 26/Jul/2004 UCD PHASE II 0.32 Sacramento Valley Spring Creek at Walnut Drive Selenium, Total μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 12/Jul/2005 LICD PHASE II Selenium, Total 0.45 μg/L UCD PHASE II μg/L Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 Selenium.Total 0.48 Sacramento Valley Spring Creek at Walnut Drive 26/Jul/2005 UCD PHASE II Selenium, Total 0.69 μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 16/Feb/2005 UCD PHASE II Selenium, Total 0.74 μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 29/Jan/2005 UCD PHASE II Selenium,Total 0.89 0.1 μg/L UCD PHASE II 0.1 Sacramento Valley Spring Creek at Walnut Drive 26/Jan/2005 Selenium, Total 1.1 μg/L Spring Creek at Walnut Drive UCD PHASE II Sacramento Valley 18/Feb/2005 Selenium.Total 1.12 μg/L 0.1 Spring Creek at Walnut Drive Sacramento Valley 28/Jan/2005 UCD PHASE II Selenium, Total 1.17 0.1 ua/L Sacramento Valley Spring Creek at Walnut Drive 23/Feb/2005 UCD PHASE II Selenium, Total 1.28 μg/L 0.1 UCD PHASE II μg/L μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 17/Feb/2005 Selenium.Total 1.39 Spring Creek at Walnut Drive UCD PHASE II Sacramento Valley 29/Jan/2005 Selenium, Total 1.68 Spring Creek at Walnut Drive Sacramento Valley 29/Jan/2005 LICD PHASE II Selenium, Total 1.74 μg/L 0.1 31/Jan/2005 UCD PHASE II Selenium, Total Sacramento Valley Spring Creek at Walnut Drive 1.8 μg/L μg/L 0.1 Spring Creek at Walnut Drive UCD PHASE II 0.1 Sacramento Valley 28/Jan/2005 Selenium, Total 2.06 Spring Creek at Walnut Drive 0.1 Sacramento Valley 19/Feb/2005 UCD PHASE II Selenium.Total 2 09 μg/L Spring Creek at Walnut Drive 17/Feb/2005 UCD PHASE II Selenium, Total 2.55 μg/L Sacramento Valley Spring Creek at Walnut Drive Sacramento Valley 03/Feb/2005 UCD PHASE II Selenium, Total μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Selenium.Total 2.76 μg/L 0.1 Sacramento Valley 0.1 Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Selenium, Total 3.03 ua/L Sacramento Valley Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Selenium, Total 3.23 μg/L 0.1 UCD PHASE II Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 Selenium.Total 3.44 μg/L 0.1 Sacramento Valley UCD PHASE II 0.1 Spring Creek at Walnut Drive 26/Jan/2005 Selenium, Total 3.56 µg/L Sacramento Valley Spring Creek at Walnut Drive 16/Feb/2005 UCD PHASE II Selenium.Total 3.76 μg/L 0.1 UCD PHASE II Spring Creek at Walnut Drive 12/Jul/2004 Sacramento Valley Zinc 8.49 μq/L 0.02 Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Zinc,Total 0.1 Sacramento Valley 3.37 μg/L Spring Creek at Walnut Drive Sacramento Valley Zinc,Total Zinc,Total μg/L μg/L 27/Jan/2005 UCD PHASE II 3.76 0.1 Spring Creek at Walnut Drive UCD PHASE II 0.1 Sacramento Valley 09/Aug/2004 3.99 Spring Creek at Walnut Drive 27/Jan/2005 UCD PHASE II Zinc,Total 0.1 Sacramento Valley 5.1 μg/L UCD PHASE II μg/L μg/L Sacramento Valley Spring Creek at Walnut Drive 31/Jan/2005 Zinc, Total 6.24 0.1 Sacramento Valley Spring Creek at Walnut Drive 23/Feb/2005 UCD PHASE II Zinc,Total 6.32 0.1 Sacramento Valley Spring Creek at Walnut Drive 17/Feb/2005 UCD PHASE II UCD PHASE II Zinc,Total 6.85 μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 16/Feb/2005 Zinc.Total 6.94 μg/L μg/L 0.1 Spring Creek at Walnut Drive UCD PHASE II Zinc,Total 0.1 Sacramento Valley 03/Feb/2005 7.81 Spring Creek at Walnut Drive Sacramento Valley 12/Jul/2005 UCD PHASE II Zinc,Total 10.4 μg/L 0.1 UCD PHASE II Spring Creek at Walnut Drive 17/Feb/2005 μg/L μg/L Sacramento Valley Zinc.Total 10.6 0.1 Sacramento Valley Spring Creek at Walnut Drive 29/Jan/2005 UCD PHASE II Zinc,Total 11.3 0.1 Sacramento Valley Spring Creek at Walnut Drive μg/L μg/L 26/Jan/2005 UCD PHASE II Zinc,Total 13.6 0.1 26/Jul/2004 UCD PHASE II 0.02 Sacramento Valley Spring Creek at Walnut Drive Zinc.Total 14.2 73 Sacramento Valley Spring Creek at Walnut Drive 29/Jan/2005 UCD PHASE II Zinc,Total 15.3 204 190 μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive LICD PHASE II μg/L μg/L 0.1 0.1 26/Jan/2005 Zinc.Total 16.6 UCD PHASE II 17.4 93 Spring Creek at Walnut Drive 26/Jul/2005 Zinc,Total Sacramento Valley UCD PHASE II UCD PHASE II 160 175 Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 Zinc,Total 19.7 μg/L 0.1 Spring Creek at Walnut Drive Sacramento Valley 29/Jan/2005 Zinc.Total 23 μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive 28/Jan/2005 UCD PHASE II Zinc,Total 23.1 171 μg/L 0.1 Spring Creek at Walnut Drive Sacramento Valley 28/Jun/2005 UCD PHASE II Zinc,Total 28.7 99 μg/L 0.1 UCD PHASE II Spring Creek at Walnut Drive 307 Sacramento Valley 28/Jan/2005 Zinc.Total 29.4 μq/L 0.1 UCD PHASE II 29.4 0.1 Sacramento Valley Spring Creek at Walnut Drive 16/Feb/2005 Zinc,Total μg/L Spring Creek at Walnut Drive Sacramento Valley 66 146 26/Jan/2005 UCD PHASE II Zinc,Total 31.6 μg/L 0.1 Spring Creek at Walnut Drive UCD PHASE II 19/Feb/2005 Sacramento Valley Zinc, Total 33.1 μq/L 0.1 Spring Creek at Walnut Drive 13/Jun/2005 UCD PHASE II Zinc,Total 35.5 86 μg/L 0.1 Sacramento Valley Spring Creek at Walnut Drive Sacramento Valley Zinc,Total Arsenic,Total μg/L μg/L 18/Feb/2005 UCD PHASE II 41.5 0.1 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 UCD PHASE II 1.03 0.1 08/Sep/2004 UCD PHASE II UCD PHASE II 1.16 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 12/Jul/2004 Arsenic, Total μg/L 0.1 Stony Creek on Hwy 45 near Rd 24 09/Aug/2004 Sacramento Valley Arsenic.Total 1.2 0.1

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program Detection Limit ter Quality Goal Coalition Area Date Name Sample Collected F Result Method Units Sample Site Sacramento Valley Stony Creek on Hwy 45 near Rd 24 12/Jul/2004 UCD PHASE II 149 mg/L 08/Sep/2004 09/Aug/2004 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 LICD PHASE II Boron,Total 156 mg/L 0.1 UCD PHASE II Stony Creek on Hwy 45 near Rd 24 183 Sacramento Valley Boron.Total ma/L Stony Creek on Hwy 45 near Rd 24 12/Jul/2004 UCD PHASE II Cadmium μg/L 0.002 Sacramento Valley 0.005 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 Stony Creek on Hwy 45 near Rd 24 12/Jul/2004 UCD PHASE II Cobalt 0.24 μg/L μg/L 0.002 12/Jul/2004 UCD PHASE II 1.43 0.003 Sacramento Valley Copper 12 UCD PHASE II UCD PHASE II Copper,Total 12 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 08/Sep/2004 1.11 μg/L 0.01 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 09/Aug/2004 Copper.Total 1.13 μg/L 0.01 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 UCD PHASE II 2.0 12/Jul/2004 Lead 0.14 μg/L 0.002 0.062 2.0 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 09/Aug/2004 UCD PHASE II Lead, Total μg/L 0.01 Stony Creek on Hwy 45 near Rd 24 UCD PHASE II 08/Sep/2004 Sacramento Valley 0.01 Lead.Total μg/L Stony Creek on Hwy 45 near Rd 24 UCD PHASE II Sacramento Valley 12/Jul/2004 Nickel 1.04 μg/L 0.006 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 Stony Creek on Hwy 45 near Rd 24 09/Aug/2004 UCD PHASE II Nickel.Total 0.74 μg/L 0.01 UCD PHASE II 2.07 Sacramento Valley 08/Sep/2004 Nickel.Total 0.01 μg/L Stony Creek on Hwy 45 near Rd 24 12/Jul/2004 UCD PHASE II Selenium 0.72 μg/L 0.1 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 Stony Creek on Hwy 45 near Rd 24 08/Sep/2004 UCD PHASE II Selenium.Total μg/L μg/L Sacramento Valley 0.307 0.1 Sacramento Valley 09/Aug/2004 UCD PHASE II Selenium,Total 0.331 0.1 Sacramento Valley Stony Creek on Hwy 45 near Rd 24 12/Jul/2004 LICD PHASE II Zinc Zinc,Total 1.38 μg/L 0.02 UCD PHASE II Stony Creek on Hwy 45 near Rd 24 Stony Creek on Hwy 45 near Rd 24 09/Aug/2004 0.684 μg/L μg/L Sacramento Valley 0.1 Sacramento Valley 08/Sep/2004 UCD PHASE II Zinc,Total 0.809 0.1 Sacramento Valley Toe Drain at North East corner of Little Holland 20/Aug/2004 Sacramento Valley Aluminum 20 μg/L 0.6 21/Sep/2004 87 Sacramento Valley Toe Drain at North East corner of Little Holland Sacramento Valley Aluminum 2800 μg/L μg/L 0.7 Toe Drain at North East corner of Little Holland 20/Aug/2004 3200 87* 0.7 Sacramento Valley Sacramento Valley Aluminum Sacramento Valley Sacramento Valley Toe Drain at North East corner of Little Holland 20/Aug/2004 Boron, dissolved 140 μg/L 0.2 20/Aug/2004 Sac Valley 0.2 Sacramento Vallev Toe Drain at North East corner of Little Holland Boron, Total 170 µg/L Sacramento Valley Toe Drain at North East corner of Little Holland 21/Sep/2004 Sacramento Valley Boron, Total 1700 1700 700 μg/L 0.2 Sacramento Valley Sacramento Valley Toe Drain at North East corner of Little Holland 21/Sep/2004 Boron, Total 700 μg/L 0.2 0.2 Sacramento Vallev Toe Drain at North East corner of Little Holland 21/Sep/2004 Sacramento Vallev 0.8 Chromium µg/L Sacramento Valley Toe Drain at North East corner of Little Holland 21/Sep/2004 Sacramento Valley Chromium 8.9 μg/L 0.2 Sacramento Valley μg/L μg/L Sacramento Valley Toe Drain at North East corner of Little Holland 20/Aug/2004 Chromium 12 0.2 0.2 Sacramento Valley Toe Drain at North East corner of Little Holland 20/Aug/2004 Sacramento Valley Chromium, dissolved 21/Sep/2004 20/Aug/2004 4.5 8.4 25 14 0.2 Sacramento Valley Toe Drain at North East corner of Little Holland Sacramento Valley μg/L Copper Sacramento Valley Toe Drain at North East corner of Little Holland Sacramento Valley μg/L Copper 25 13 2.0 Sacramento Valley Toe Drain at North East corner of Little Holland 21/Sep/2004 Sacramento Valley Coppe 8.5 μg/L 0.3 Sacramento Valley Toe Drain at North East corner of Little Holland 20/Aug/2004 Sacramento Valley Copper, dissolved 2.8 μg/L 0.2 Sacramento Valley Toe Drain at North East corner of Little Holland 20/Aug/2004 1.3 0.04 Sacramento Vallev Lead μg/L 21/Sep/2004 1.3 μg/L Sacramento Valley Toe Drain at North East corner of Little Holland Sacramento Valley Lead 0.04 μg/L μg/L Sacramento Valley Toe Drain at North East corner of Little Holland 20/Aug/2004 Sac Valley Selenium 0.6 0.5 Selenium 0.5 Sacramento Valley Toe Drain at North East corner of Little Holland 21/Sep/2004 Sac Valley 0.98 Sacramento Valley Toe Drain at North East corner of Little Holland 20/Aug/2004 Sac Valley Selenium, dissolved 0.98 μg/L 0.5 UCD PHASE II μg/L μg/L Sacramento Valley Tributary Home Colony Cana 13/Jun/2005 Arsenic, Total 1.01 0.1 Tributary Home Colony Cana 27/Jun/2005 UCD PHASE II Arsenic,Total 1.17 0.1 Sacramento Valley Sacramento Valley Tributary Home Colony Cana Tributary Home Colony Cana 11/Jul/2005 LICD PHASE II Arsenic.Total 1.29 μg/L 0.1 25/Jul/2005 UCD PHASE II 1.71 Sacramento Valley Arsenic.Total µg/L 0.1 Tributary Home Colony Cana UCD PHASE II Boron, Total 0.0644 mg/L 0.0002 Sacramento Valley 13/Jun/2005 Sacramento Valley Tributary Home Colony Cana 11/Jul/2005 LICD PHASE II Boron, Total 0.093 mg/L 0.0002 Tributary Home Colony Cana 25/Jul/2005 UCD PHASE II Boron, Total 0.0957 0.0002 Sacramento Valley ma/L Sacramento Valley Tributary Home Colony Cana 27/Jun/2005 UCD PHASE II Boron, Total 0.106 mg/L 0.0002 Sacramento Valley Tributary Home Colony Cana 25/Jul/2005 UCD PHASE II Copper, Total 1.61 12 μg/L 0.01 Sacramento Valley Tributary Home Colony Cana 13/Jun/2005 UCD PHASE II Copper, Total 1.66 0.01 ua/L 11 12 Sacramento Valley Tributary Home Colony Cana 27/Jun/2005 UCD PHASE II Copper, Total 1.69 μg/L 0.01 UCD PHASE II Tributary Home Colony Cana 11/Jul/2005 Sacramento Valley Copper, Total 1.71 μg/L 0.01 Sacramento Valley UCD PHASE II 0.08 2.0 Tributary Home Colony Cana 25/Jul/2005 0.01 Lead, Total µg/L 2.0 Sacramento Valley Tributary Home Colony Cana 13/Jun/2005 UCD PHASE II Lead.Total 0.1 μg/L 0.01 UCD PHASE II Tributary Home Colony Cana 11/Jul/2005 0.13 μg/L μg/L Sacramento Valley Lead.Total 0.01 Tributary Home Colony Cana 27/Jun/2005 UCD PHASE II 0.15 0.01 Sacramento Valley Lead, Total Sacramento Valley μg/L μg/L Tributary Home Colony Cana 25/Jul/2005 LICD PHASE II Nickel Total 1.13 0.01 Tributary Home Colony Cana UCD PHASE II Sacramento Valley 13/Jun/2005 Nickel, Total 1.2 0.01 1.46 1.5 Tributary Home Colony Cana 27/Jun/2005 UCD PHASE II Sacramento Valley Nickel, Total μg/L 0.01 UCD PHASE II μg/L μg/L Sacramento Valley Tributary Home Colony Cana 11/Jul/2005 Nickel.Total 0.01 Sacramento Valley Tributary Home Colony Cana 27/Jun/2005 UCD PHASE II Selenium, Total 0.57 0.1 Sacramento Valley Tributary Home Colony Cana 11/Jul/2005 UCD PHASE II UCD PHASE II Selenium, Total 0.67 μg/L 0.1 Sacramento Valley Tributary Home Colony Cana 25/Jul/2005 Selenium.Total 0.7 μg/L μg/L 0.1 Tributary Home Colony Cana UCD PHASE II 0.99 0.1 Sacramento Valley 13/Jun/2005 Selenium, Total Sacramento Valley Tributary Home Colony Cana 25/Jul/2005 LICD PHASE II Zinc.Total 0.54 μg/L 0.1 UCD PHASE II Tributary Home Colony Cana 11/Jul/2005 0.55 μg/L μg/L Sacramento Valley Zinc.Total 0.1 Sacramento Valley Tributary Home Colony Cana 13/Jun/2005 UCD PHASE II Zinc,Total 0.1 0.62 Sacramento Valley μg/L μg/L Tributary Home Colony Cana 27/Jun/2005 LICD PHASE II Zinc.Total 0.7 0.1 10 0.6 Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley Aluminum Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley Aluminum 87* 87* μg/L 0.7 1300 Sacramento Valley Sacramento Valley μg/L μg/L Tule Canal at North East corner of I-80 20/Aug/2004 Aluminum 1400 0.7 20/Aug/2004 1400 87* 0.7 Tule Canal at North East corner of I-80 Sacramento Valley Sacramento Valley Aluminum 87* 700 Sacramento Valley Tule Canal at North East corner of I-80 21/Sep/2004 Sacramento Valley Aluminum 1800 1100 μg/L 0.7 20/Aug/2004 Boron, dissolved Sacramento Valley Tule Canal at North East corner of I-80 Sacramento Valley μg/L 0.2 Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley Boron, Total μg/L 0.2 3 Sacramento Valley Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Boron, Total 950 700 μg/L 0.2 21/Sep/2004 1000 0.2 Sacramento Valley Tule Canal at North East corner of I-80 Sacramento Valley Boron.Total 700 µg/L 700 0.2 Sacramento Valley Tule Canal at North East corner of I-80 21/Sep/2004 Sacramento Valley Boron, Total 1000 μg/L Sacramento Valley Sacramento Valley μg/L μg/L Tule Canal at North East corner of I-80 20/Aug/2004 Boron, Total 1100 700 0.2 Tule Canal at North East corner of I-80 20/Aug/2004 0.2 Sacramento Valley Sacramento Valley Boron, Total 1200 700 Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley Boron, Total 1300 μg/L 0.2 Sacramento Valley Sacramento Valley 20/Aug/2004 21/Sep/2004 Sacramento Valley μg/L μg/L Tule Canal at North East corner of I-80 Chromium 0.5 0.2 Tule Canal at North East corner of I-80 0.2 Sacramento Valley Sacramento Valley Chromium 0.6 Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley Chromium 1.6 μg/L 0.2 Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley Sacramento Valley Chromium 4.9

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected F Method Result Units Sample Site 20/Aug/2004 0.2 Sacramento Valley Tule Canal at North East corner of I-80 Sacramento Valley Chromium 5.3 μg/l Sacramento Valley 0.2 Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Chromium 5.6 μg/L 21/Sep/2004 μg/L μg/L Sacramento Valley Tule Canal at North East corner of I-80 Sacramento Valley Chromium 6 Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley 1.7 0.2 Sacramento Valley Chromium, dissolved Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley Copper 1.2 22 22 μg/L μg/L 0.2 20/Aug/2004 2.3 Sacramento Valley Tule Canal at North East corner of I-80 Sacramento Valley Copper 20 22 Sacramento Valley Tule Canal at North East corner of I-80 21/Sep/2004 Sacramento Valley Coppe 2.3 μg/L 0.2 Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley Copper 5.1 μg/L 0.3 22 20 22 Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley Coppe 5.8 μg/L 0.3 21/Sep/2004 20/Aug/2004 6 2.4 0.3 Sacramento Valley Tule Canal at North East corner of I-80 Sacramento Valley μg/L Copper Sacramento Valley Tule Canal at North East corner of I-80 Sacramento Valley Copper, dissolved μg/L μg/L 2.0 Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sac Valley 0.67 0.04 Lead Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sacramento Valley Lead 0.7 2.0 μg/L 0.04 Tule Canal at North East corner of I-80 20/Aug/2004 0.04 Sacramento Valley Sacramento Valley μg/L μg/L Lead Tule Canal at North East corner of I-80 21/Sep/2004 Sacramento Valley 0.91 0.04 Sacramento Valley Lead 21/Sep/2004 Sac Valley μg/L μg/L 0.5 0.5 Sacramento Valley Tule Canal at North East corner of I-80 Selenium 0.98 Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sac Valley Selenium 1.0 Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sac Valley Selenium 1.0 0.5 μg/L 20/Aug/2004 μg/L μg/L 0.5 Sacramento Valley Tule Canal at North East corner of I-80 Sac Valley Selenium 2.0 Sacramento Valley Tule Canal at North East corner of I-80 20/Aug/2004 Sac Valley Selenium 2.0 0.5 20/Aug/2004 05/Aug/2004 Sacramento Valley Tule Canal at North East corner of I-80 Sac Valle Selenium, dissolved 1.0 μg/L 0.5 UCD PHASE II Sacramento Valley Unnamed Canal at Hwv 45 Arsenic.Total 6.08 μg/L μg/L 0.1 Unnamed Canal at Hwy 45 02/Sep/2004 UCD PHASE II Arsenic, Total 0.1 Sacramento Valley 6.12 Sacramento Valley Unnamed Canal at Hwy 45 Unnamed Canal at Hwy 45 19/Aug/2004 UCD PHASE II Arsenic.Total 6.34 μg/L 0.1 22/Jul/2004 UCD PHASE II Sacramento Vallev 6.49 Arsenic.Total μg/L mg/L 0.1 Sacramento Valley Unnamed Canal at Hwy 45 02/Sep/2004 UCD PHASE II Boron, Total 182 0.1 UCD PHASE II Sacramento Valley Unnamed Canal at Hwy 45 05/Aug/2004 Boron, Total 189 mg/L Sacramento Vallev Unnamed Canal at Hwy 45 19/Aug/2004 UCD PHASE II Boron.Total 199 ma/L UCD PHASE II UCD PHASE II Sacramento Valley Unnamed Canal at Hwy 45 22/Jul/2004 Boron, Total 210 mg/L 05/Aug/2004 22/Jul/2004 μg/L μg/L 0.01 Sacramento Valley Unnamed Canal at Hwy 45 Cadmium.Total 0.029 Unnamed Canal at Hwy 45 UCD PHASE II 0.01 Sacramento Valley Cadmium, Total 0.03 0.035 0.041 Sacramento Valley Unnamed Canal at Hwy 45 19/Aug/2004 LICD PHASE II Cadmium.Total 0.01 μg/L UCD PHASE II Unnamed Canal at Hwy 45 Sacramento Valley 02/Sep/2004 Cadmium.Total 0.01 µg/L Sacramento Valley Unnamed Canal at Hwy 45 22/Jul/2004 UCD PHASE II Copper,Total 2.55 μg/L 0.003 Sacramento Valley Unnamed Canal at Hwy 45 05/Aug/2004 UCD PHASE II Copper,Total 2.94 14.9 15 μg/L 0.01 Sacramento Valley Unnamed Canal at Hwy 45 19/Aug/2004 UCD PHASE II 3.17 0.01 μg/L Copper.Total 02/Sep/2004 UCD PHASE II 16 Sacramento Valley Unnamed Canal at Hwy 45 Copper,Total 4.13 μg/L 0.01 UCD PHASE II Sacramento Valley Unnamed Canal at Hwy 45 22/Jul/2004 Lead, Total 0.24 2.0 μg/L 0.002 2.0 Sacramento Valley Unnamed Canal at Hwy 45 05/Aug/2004 UCD PHASE II Lead.Total 0.396 0.01 ua/L Sacramento Valley Unnamed Canal at Hwy 45 19/Aug/2004 UCD PHASE II Lead.Total 0.467 2.0 μg/L 0.01 UCD PHASE II μg/L μg/L Sacramento Valley Unnamed Canal at Hwy 45 02/Sep/2004 Lead.Total 0.709 0.01 Unnamed Canal at Hwy 45 22/Jul/2004 UCD PHASE II Nickel, Total Sacramento Valley 3.37 0.01 Sacramento Valley Unnamed Canal at Hwy 45 05/Aug/2004 LICD PHASE II Nickel Total 4 74 μg/L 0.01 UCD PHASE II Unnamed Canal at Hwy 45 19/Aug/2004 4.77 Sacramento Valley Nickel.Total 0.01 μg/L Unnamed Canal at Hwy 45 02/Sep/2004 UCD PHASE II μg/L Sacramento Valley Nickel, Total 6.24 0.01 Unnamed Canal at Hwy 45 Sacramento Valley 22/Jul/2004 UCD PHASE II Selenium.Total 0.43 μg/L 0.1 Unnamed Canal at Hwy 45 05/Aug/2004 UCD PHASE II Selenium, Total 0.606 0.1 Sacramento Valley ua/L Sacramento Valley Unnamed Canal at Hwy 45 19/Aug/2004 UCD PHASE II Selenium, Total 0.709 μg/L 0.1 Sacramento Valley Unnamed Canal at Hwy 45 02/Sep/2004 UCD PHASE II Selenium.Total 0.757 μg/L 0.1 Sacramento Valley Unnamed Canal at Hwy 45 22/Jul/2004 UCD PHASE II Zinc,Total 0.02 2.19 ua/L Sacramento Valley Unnamed Canal at Hwy 45 05/Aug/2004 UCD PHASE II Zinc,Total 3.83 μg/L 0.1 UCD PHASE II Sacramento Valley Unnamed Canal at Hwy 45 19/Aug/2004 Zinc.Total 3.86 μg/L 0.1 Sacramento Valley UCD PHASE II 0.1 Unnamed Canal at Hwy 45 02/Sep/2004 Zinc,Total 5.53 µg/L Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 10/Aug/2004 UCD PHASE II Arsenic, Total 3.14 μg/L 0.1 Unnamed Ditch at SW corner of Levee and Riego UCD PHASE II 27/Jul/2004 Sacramento Valley Arsenic.Total 3.2 μq/L 0.1 Unnamed Ditch at SW corner of Levee and Riego UCD PHASE II Arsenic,Total 4.21 0.1 Sacramento Valley 24/Aug/2004 μg/L Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego Unnamed Ditch at SW corner of Levee and Riego 27/.lul/2004 LICD PHASE II Boron, Total 93.2 mg/L UCD PHASE II Sacramento Valley 24/Aug/2004 Boron, Total 105 0.1 ma/L Unnamed Ditch at SW corner of Levee and Riego 10/Aug/2004 UCD PHASE II 107 Sacramento Valley Boron, Total mg/L 2 0.01 Unnamed Ditch at SW corner of Levee and Riego UCD PHASE II μg/L μg/L Sacramento Valley 24/Aug/2004 Cadmium. Total 0.011 Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 10/Aug/2004 UCD PHASE II Cadmium, Total 0.015 0.01 Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 27/Jul/2004 UCD PHASE II UCD PHASE II Cadmium, Total 0.02 μg/L 0.01 Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 24/Aug/2004 Copper, Total 3.63 μg/L 0.01 Unnamed Ditch at SW corner of Levee and Riego UCD PHASE II 11 Sacramento Valley 10/Aug/2004 Copper, Total 4.06 μg/L 0.01 10 2.0 2.0 Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 27/.lul/2004 LICD PHASE II Copper, Total 5.09 μg/L 0.003 UCD PHASE II Unnamed Ditch at SW corner of Levee and Riego 24/Aug/2004 0.437 μg/L μg/L 0.01 Sacramento Valley Lead.Total Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 27/Jul/2004 UCD PHASE II Lead,Total 0.69 0.002 Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego μg/L μg/L 10/Aug/2004 LICD PHASE II Lead Total 0.874 0.01 UCD PHASE II Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 24/Aug/2004 Nickel, Total 3.88 0.01 Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 27/Jul/2004 UCD PHASE II Nickel, Total 4.54 μg/L 0.01 Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 10/Aug/2004 27/Jul/2004 LICD PHASE II μg/L μg/L Nickel Total 4 63 0.01 UCD PHASE II Unnamed Ditch at SW corner of Levee and Riego Selenium, Total 0.18 0.1 Sacramento Valley UCD PHASE II UCD PHASE II Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 10/Aug/2004 Selenium, Total 0.3 μg/L 0.1 Unnamed Ditch at SW corner of Levee and Riego 0.583 Sacramento Valley 24/Aug/2004 Selenium.Total μg/L 0.1 Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 24/Aug/2004 UCD PHASE II Zinc,Total 2.43 μg/L 0.1 Sacramento Valley Unnamed Ditch at SW corner of Levee and Riego 27/Jul/2004 UCD PHASE II Zinc,Total 3 42 μg/L 0.02 UCD PHASE II Unnamed Ditch at SW corner of Levee and Riego 10/Aug/2004 Sacramento Valley Zinc.Total 4.4 μq/L 0.1 UCD PHASE II 0.65 0.1 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 11/Jul/2005 Arsenic,Total μg/L Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 27/Jun/2005 UCD PHASE II Arsenic.Total 0.85 μg/L 0.1 UCD PHASE II Unnamed Drain of Walker Creek on Co. Rd. 28 Sacramento Valley 13/Jun/2005 Arsenic, Total 1.03 μq/L 0.1 Unnamed Drain of Walker Creek on Co. Rd. 28 25/Jul/2005 UCD PHASE II 1.23 μg/L 0.1 Sacramento Valley Arsenic, Total Sacramento Valley μg/L μg/L Unnamed Drain of Walker Creek on Co. Rd. 28 08/Sep/2004 UCD PHASE II Arsenic Total 1.33 0.1 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 26/Jul/2004 UCD PHASE II Arsenic,Total 1.42 0.1 UCD PHASE II UCD PHASE II Arsenic, Total Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 12/Jul/2004 1.76 μg/L 0.1 Unnamed Drain of Walker Creek on Co. Rd. 28 Sacramento Valley 23/Aug/2004 Arsenic.Total 1.77

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected F Result Method Units Sample Site Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 09/Aug/2004 UCD PHASE II 1.82 Arsenic,Total μg/L 0.0002 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 11/Jul/2005 LICD PHASE II Boron, Total 0.0481 mg/L UCD PHASE II 27/Jun/2005 Unnamed Drain of Walker Creek on Co. Rd. 28 0.0545 0.0002 Sacramento Valley Boron.Total ma/L Unnamed Drain of Walker Creek on Co. Rd. 28 25/Jul/2005 UCD PHASE II Boron, Total 0.0675 mg/L 0.0002 Sacramento Valley Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 13/Jun/2005 UCD PHASE II Boron, Total 0.103 mg/L 0.0002 UCD PHASE II Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 26/Jul/2004 Boron,Total 48.4 mg/L UCD PHASE II UCD PHASE II Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 08/Sep/2004 Boron, Total 51.4 mg/L 0.1 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 23/Aug/2004 Boron.Total 51.5 mg/L 0.1 09/Aug/2004 UCD PHASE II Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 Boron, Total 78.5 mg/L Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 12/Jul/2004 UCD PHASE II Boron, Total 88.3 mg/L UCD PHASE II 0.009 Unnamed Drain of Walker Creek on Co. Rd. 28 0.002 Sacramento Valley 12/Jul/2004 Cadmium µg/L Unnamed Drain of Walker Creek on Co. Rd. 28 UCD PHASE II Sacramento Valley 26/Jul/2004 Cadmium, Total 0.01 μg/L 0.01 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 27/Jun/2005 UCD PHASE II Cadmium.Total 0.01 μg/L 0.01 Unnamed Drain of Walker Creek on Co. Rd. 28 UCD PHASE II 0.01 Sacramento Valley 13/Jun/2005 Cadmium.Total 0.02 μg/L Unnamed Drain of Walker Creek on Co. Rd. 28 11/Jul/2005 UCD PHASE II Cadmium, Total 0.03 μg/L 0.01 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 UCD PHASE II μg/L μg/L Sacramento Valley 25/Jul/2005 Cadmium, Total 0.06 0.01 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 12/Jul/2004 UCD PHASE II Cobalt 0.53 0.002 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 12/Jul/2004 LICD PHASE II 12.8 5.29 8.2 8.5 0.003 Coppe μg/L UCD PHASE II Copper,Total Unnamed Drain of Walker Creek on Co. Rd. 28 μg/L μg/L Sacramento Valley 23/Aug/2004 0.01 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 26/Jul/2004 UCD PHASE II Copper,Total 5.55 11 0.003 6.1 7.7 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 27/Jun/2005 LICD PHASE II Copper,Total 6.47 μg/L 0.01 UCD PHASE II Unnamed Drain of Walker Creek on Co. Rd. 28 Sacramento Valley 13/Jun/2005 Copper.Total 8.35 μg/L μg/L 0.01 7.4 6.1 9 Unnamed Drain of Walker Creek on Co. Rd. 28 UCD PHASE II Sacramento Valley 08/Sep/2004 Copper,Total 8.95 0.01 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 11/Jul/2005 UCD PHASE II Copper,Total 9.16 μg/L 0.01 Unnamed Drain of Walker Creek on Co. Rd. 28 UCD PHASE II 09/Aug/2004 0.01 Sacramento Valley 16.3 Copper.Total μg/L Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 25/Jul/2005 UCD PHASE II Copper,Total 20.4 9.1 μg/L 0.01 UCD PHASE II Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 12/Jul/2004 Lead 0.11 2.0 μg/L 0.002 2.0 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 08/Sep/2004 UCD PHASE II Lead,Total 0.047 0.01 µg/L Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 23/Aug/2004 UCD PHASE II Lead, Total 0.108 2.0 μg/L 0.01 UCD PHASE II 2.0 2.0 Unnamed Drain of Walker Creek on Co. Rd. 28 Sacramento Valley 13/Jun/2005 Lead.Total 0.16 μg/L 0.01 UCD PHASE II Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 09/Aug/2004 Lead, Tota 0.178 μg/L 0.01 2.0 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 26/.lul/2004 LICD PHASE II Lead.Total 0.24 μg/L 0.002 UCD PHASE II 0.56 Unnamed Drain of Walker Creek on Co. Rd. 28 Sacramento Valley 27/Jun/2005 0.01 Lead.Tota µg/L Unnamed Drain of Walker Creek on Co. Rd. 28 11/Jul/2005 Sacramento Valley UCD PHASE II Lead,Total 1.13 μg/L 0.01 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 25/Jul/2005 UCD PHASE II Lead, Total 1.84 μg/L 0.01 Unnamed Drain of Walker Creek on Co. Rd. 28 12/Jul/2004 UCD PHASE II 4.2 Sacramento Valley Nickel μg/L 0.006 Unnamed Drain of Walker Creek on Co. Rd. 28 UCD PHASE II Nickel, Total Sacramento Valley 08/Sep/2004 2.57 μg/L 0.01 UCD PHASE II Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 26/Jul/2004 Nickel.Total 3.45 μg/L 0.01 Unnamed Drain of Walker Creek on Co. Rd. 28 Sacramento Valley 23/Aug/2004 UCD PHASE II Nickel, Total 4.71 0.01 ua/L Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 13/Jun/2005 UCD PHASE II Nickel.Total 4.9 μg/L 0.01 UCD PHASE II μg/L μg/L Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 09/Aug/2004 Nickel.Total 4.96 0.01 Unnamed Drain of Walker Creek on Co. Rd. 28 UCD PHASE II Sacramento Valley 27/Jun/2005 Nickel, Tota 10.6 0.01 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 11/Jul/2005 LICD PHASE II Nickel Total 16.2 23.9 12 12 μg/L 0.01 UCD PHASE II Unnamed Drain of Walker Creek on Co. Rd. 28 25/Jul/2005 Nickel.Total 0.01 Sacramento Valley µg/L Unnamed Drain of Walker Creek on Co. Rd. 28 UCD PHASE II μg/L Sacramento Valley 08/Sep/2004 Selenium, Total 0.21 0.1 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 09/Aug/2004 UCD PHASE II Selenium.Total 0.223 μg/L 0.1 Unnamed Drain of Walker Creek on Co. Rd. 28 26/Jul/2004 UCD PHASE II Selenium, Total 0.25 0.1 Sacramento Valley ua/L Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 23/Aug/2004 UCD PHASE II Selenium, Total 0.341 μg/L 0.1 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 11/Jul/2005 UCD PHASE II Selenium.Total 0.36 μg/L 0.1 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 27/Jun/2005 UCD PHASE II Selenium, Total 0.42 0.1 ua/L UCD PHASE II UCD PHASE II Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 13/Jun/2005 Selenium, Total 0.76 μg/L 0.1 Unnamed Drain of Walker Creek on Co. Rd. 28 Sacramento Valley 25/Jul/2005 Selenium, Total 0.81 μg/L 0.1 Unnamed Drain of Walker Creek on Co. Rd. 28 12/Jul/2004 UCD PHASE II Sacramento Valley 1.59 Zinc μq/L 0.02 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 08/Sep/2004 UCD PHASE II Zinc,Total 0.478 μg/L 0.1 Sacramento Valley LICD PHASE II μg/L μg/L Unnamed Drain of Walker Creek on Co. Rd. 28 23/Aug/2004 Zinc Total 12 0.1 UCD PHASE II 1.52 0.02 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 26/Jul/2004 Zinc,Total Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 09/Aug/2004 UCD PHASE II Zinc,Total 2.3 μg/L 0.1 UCD PHASE II μg/L μg/L Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 13/Jun/2005 Zinc Total 3.57 0.1 Unnamed Drain of Walker Creek on Co. Rd. 28 UCD PHASE II 0.1 Sacramento Valley 27/Jun/2005 Zinc,Total 6.97 Sacramento Valley Unnamed Drain of Walker Creek on Co. Rd. 28 Unnamed Drain of Walker Creek on Co. Rd. 28 11/Jul/2005 UCD PHASE II Zinc,Total 10.5 μg/L 0.1 25/Jul/2005 UCD PHASE II 117 Sacramento Valley Zinc, Total 16.5 µg/L 0.1 Sacramento Valley West Adams Canal at Road 89 08/Jul/2004 UCD PHASE II Arsenic,Total μg/L 0.1 Sacramento Valley West Adams Canal at Road 89 22/.lul/2004 UCD PHASE II Arsenic Total 2 75 μg/L 0.1 UCD PHASE II 05/Aug/2004 Sacramento Valley West Adams Canal at Road 89 Arsenic, Total 3.23 0.1 μq/L Sacramento Valley West Adams Canal at Road 89 19/Aug/2004 UCD PHASE II Arsenic.Total 3.96 μg/L 0.1 UCD PHASE II Sacramento Valley West Adams Canal at Road 89 02/Sep/2004 Arsenic Total 42 μg/L 0.1 22/Jul/2004 UCD PHASE II Sacramento Valley West Adams Canal at Road 89 Boron, Total 823 700 mg/L Sacramento Valley West Adams Canal at Road 89 08/Jul/2004 UCD PHASE II Boron, Total 850 700 mg/L LICD PHASE II mg/L mg/L Sacramento Valley West Adams Canal at Road 89 05/Aug/2004 Boron Total 926 700 02/Sep/2004 UCD PHASE II 1050 700 0.1 Sacramento Valley West Adams Canal at Road 89 Boron, Total Sacramento Valley West Adams Canal at Road 89 19/Aug/2004 UCD PHASE II Boron,Total 1083 700 mg/L UCD PHASE II 0.009 08/Jul/2004 0.002 Sacramento Valley West Adams Canal at Road 89 Cadmium μq/L Sacramento Valley West Adams Canal at Road 89 22/Jul/2004 UCD PHASE II Cadmium, Total 0.01 μg/L 0.01 08/Jul/2004 08/Jul/2004 0.002 0.003 Sacramento Valley West Adams Canal at Road 89 LICD PHASE II Cobalt 1.05 μg/L UCD PHASE II West Adams Canal at Road 89 15 Sacramento Valley 2.55 Copper μq/L West Adams Canal at Road 89 05/Aug/2004 UCD PHASE II 12 13 0.01 Sacramento Valley Copper, Total 1.3 μg/L Sacramento Valley West Adams Canal at Road 89 02/Sep/2004 UCD PHASE II Copper, Total 1.35 μg/L 0.01 13 12 2.0 West Adams Canal at Road 89 19/Aug/2004 UCD PHASE II 1.54 0.01 Sacramento Valley Copper, Total μq/L Sacramento Valley West Adams Canal at Road 89 22/Jul/2004 UCD PHASE II Copper, Total 2.17 μg/L 0.003 UCD PHASE II Sacramento Valley West Adams Canal at Road 89 08/Jul/2004 Lead 0.44 μg/L μg/L 0.002 UCD PHASE II Lead,Total 2.0 0.01 Sacramento Valley West Adams Canal at Road 89 05/Aug/2004 0.118 Sacramento Valley 2.0 West Adams Canal at Road 89 19/Aug/2004 UCD PHASE II Lead,Total 0.191 μg/L 0.01 UCD PHASE II 02/Sep/2004 0.235 μg/L μg/L Sacramento Valley West Adams Canal at Road 89 Lead.Total 0.01 Sacramento Valley West Adams Canal at Road 89 22/Jul/2004 UCD PHASE II Lead.Total 0.38 0.002 Sacramento Valley West Adams Canal at Road 89 08/Jul/2004 UCD PHASE II Nickel 8.37 0.006

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected E Method Result Units Sample Site Sacramento Valley 05/Aug/2004 UCD PHASE II 3.12 0.01 West Adams Canal at Road 89 Nickel.Total μg/L LICD PHASE II Nickel, Total Nickel, Total Sacramento Valley West Adams Canal at Road 89 19/Aug/2004 4.13 μg/L 0.01 UCD PHASE II 02/Sep/2004 West Adams Canal at Road 89 4.28 μg/L μg/L 0.01 Sacramento Valley West Adams Canal at Road 89 22/Jul/2004 UCD PHASE II Nickel, Total 6.2 0.01 Sacramento Valley Sacramento Valley Sacramento Valley West Adams Canal at Road 89 22/Jul/2004 UCD PHASE II Selenium.Total 0.27 0.342 μg/L μg/L 0.1 0.1 West Adams Canal at Road 89 02/Sep/2004 UCD PHASE II Selenium,Total UCD PHASE II UCD PHASE II Sacramento Valley West Adams Canal at Road 89 19/Aug/2004 Selenium, Total 0.358 μg/L 0.1 Sacramento Valley West Adams Canal at Road 89 05/Aug/2004 Selenium.Total 0.37 μg/L μg/L 0.1 West Adams Canal at Road 89 UCD PHASE II Sacramento Valley 08/Jul/2004 Zinc 3.42 0.02 Zinc,Total Sacramento Valley West Adams Canal at Road 89 05/Aug/2004 UCD PHASE II 0.878 μg/L 0.1 02/Sep/2004 UCD PHASE II West Adams Canal at Road 89 Sacramento Valley Zinc.Total 0.9 μg/L μg/L 0.1 West Adams Canal at Road 89 UCD PHASE II Sacramento Valley 19/Aug/2004 Zinc,Total 1.2 0.1 Sacramento Valley West Adams Canal at Road 89 22/Jul/2004 UCD PHASE II Zinc,Total 2.29 μg/L 0.02 Willow Slough 20/Aug/2004 87* Sacramento Valley Sacramento Valley Aluminum 2400 μg/L μg/L 0.7 Sacramento Valley Willow Slough 20/Aug/2004 Sacramento Valley Boron, Total 1400 700 0.2 20/Aug/2004 20/Aug/2004 Sacramento Valley μg/L μg/L 0.2 0.2 Sacramento Valley Willow Slough Boron, Total 1400 700 Sacramento Valley Willow Slough Sacramento Valley Chromium 2.9 20/Aug/2004 20/Aug/2004 0.2 Sacramento Valley Willow Slough Sacramento Valley Chromium 10 μg/L 30 Willow Slough μg/L μg/L Sacramento Valley Sacramento Valley Copper 3.3 Sacramento Valley Willow Slough 20/Aug/2004 Sacramento Valley Copper 8.7 30 0.3 20/Aug/2004 20/Aug/2004 Sacramento Valley Sac Valley Sacramento Valley Willow Slough Lead 1.7 2.0 μg/L 0.04 Sacramento Valley Willow Slough Selenium 3.0 μg/L μg/L 0.5 20/Aug/2004 Sac Valley Selenium Sacramento Valley Willow Slough 3.0 0.5 Sacramento Valley Willow Slough at Road 99 Willow Slough at Road 99 05/Aug/2004 08/Jul/2004 UCD PHASÉ II Arsenic, Total 3.08 μg/L 0.1 UCD PHASE II 3.43 Sacramento Vallev Arsenic.Total μg/L μg/L 0.1 Sacramento Valley Willow Slough at Road 99 02/Sep/2004 UCD PHASE II Arsenic, Total 3.49 0.1 UCD PHASE II Sacramento Valley Willow Slough at Road 99 22/Jul/2004 Arsenic.Total 3.54 μg/L 0.1 3.54 0.1 Sacramento Vallev Willow Slough at Road 99 19/Aug/2004 UCD PHASE II Arsenic, Total μg/L mg/L UCD PHASE II UCD PHASE II 1089 1220 Sacramento Valley Willow Slough at Road 99 08/Jul/2004 Boron, Total 700 Willow Slough at Road 99 Willow Slough at Road 99 Sacramento Valley 22/Jul/2004 Boron.Total 700 mg/L UCD PHASE II 1483 700 Sacramento Valley 05/Aug/2004 Boron, Total mg/L 19/Aug/2004 02/Sep/2004 700 700 Sacramento Valley Willow Slough at Road 99 LICD PHASE II Boron, Total 1487 mg/L UCD PHASE II 1690 Willow Slough at Road 99 0.1 Sacramento Valley Boron, Total ma/L Sacramento Valley Willow Slough at Road 99 08/Jul/2004 UCD PHASE II Cadmium 0.04 0.002 μg/L Cadmium, Total Sacramento Valley Willow Slough at Road 99 22/Jul/2004 UCD PHASE II 0.02 μg/L 0.01 Sacramento Valley Willow Slough at Road 99 19/Aug/2004 UCD PHASE II Cadmium, Total 0.023 0.01 μg/L Willow Slough at Road 99 05/Aug/2004 UCD PHASE II Cadmium, Total Sacramento Valley 0.024 μg/L 0.01 02/Sep/2004 08/Jul/2004 UCD PHASE II Sacramento Valley Willow Slough at Road 99 Cadmium, Total 0.025 μg/L 0.01 UCD PHASE II Sacramento Valley Willow Slough at Road 99 Cobalt 3.17 0.002 ua/L Sacramento Valley Willow Slough at Road 99 08/Jul/2004 UCD PHASE II 8.27 12.7 μg/L 0.003 Coppe UCD PHASE II Copper,Total Copper,Total 5.2 6.72 μg/L μg/L Sacramento Valley Willow Slough at Road 99 19/Aug/2004 17 19 0.01 Willow Slough at Road 99 02/Sep/2004 UCD PHASE II 0.01 Sacramento Valley Sacramento Valley Willow Slough at Road 99 22/.lul/2004 LICD PHASE II Copper,Total 6.89 16 16 μg/L 0.003 UCD PHASE II Willow Slough at Road 99 05/Aug/2004 7.28 Sacramento Valley Copper.Total μg/L μg/L 0.01 0.002 Willow Slough at Road 99 08/Jul/2004 UCD PHASE II 2.0 Sacramento Valley Lead 1.73 2.0 2.0 Sacramento Valley Willow Slough at Road 99 19/Aug/2004 UCD PHASE II Lead.Total 0.802 μg/L 0.01 Willow Slough at Road 99 22/Jul/2004 UCD PHASE II Lead.Total 0.002 Sacramento Valley 1.19 μg/L UCD PHASE II UCD PHASE II Sacramento Valley Willow Slough at Road 99 05/Aug/2004 Lead,Total 1.22 2.0 μg/L 0.01 Sacramento Valley Willow Slough at Road 99 Willow Slough at Road 99 02/Sep/2004 Lead, Total 1.36 2.0 μg/L 0.01 Sacramento Valley 08/Jul/2004 UCD PHASE II 12 Nickel 0.006 22.6 ua/L Sacramento Valley Willow Slough at Road 99 19/Aug/2004 UCD PHASE II Nickel.Total 11 μg/L 0.01 UCD PHASE II 12 Willow Slough at Road 99 02/Sep/2004 Sacramento Valley Nickel.Total 14.6 μg/L 0.01 Willow Slough at Road 99 UCD PHASE II Sacramento Valley 22/Jul/2004 Nickel, Total 15 0.01 µg/L 05/Aug/2004 08/Jul/2004 Sacramento Valley Willow Slough at Road 99 UCD PHASE II Nickel.Total 17.8 μg/L 0.01 UCD PHASE II Sacramento Valley Willow Slough at Road 99 0.21 Selenium μq/L 0.1 Willow Slough at Road 99 22/Jul/2004 UCD PHASE II Selenium,Total 0.53 0.1 Sacramento Valley μg/L Sacramento Valley Willow Slough at Road 99 Willow Slough at Road 99 μg/L μg/L 19/Aug/2004 UCD PHASE II Selenium.Total 0.668 0.1 05/Aug/2004 UCD PHASE II 0.711 0.1 Sacramento Valley Selenium, Total UCD PHASE II UCD PHASE II Willow Slough at Road 99 02/Sep/2004 Selenium, Total 0.904 Sacramento Valley μg/L 0.1 μg/L μg/L Sacramento Valley Willow Slough at Road 99 08/Jul/2004 Zinc 12.6 0.02 Sacramento Valley Willow Slough at Road 99 19/Aug/2004 UCD PHASE II Zinc,Total 5.37 0.1 Sacramento Valley Willow Slough at Road 99 22/Jul/2004 UCD PHASE II UCD PHASE II Zinc,Total 7.28 μg/L 0.02 Sacramento Valley Willow Slough at Road 99 02/Sep/2004 Zinc.Total 8.23 μg/L μg/L 0.1 Willow Slough at Road 99 UCD PHASE II Zinc,Total 0.1 Sacramento Valley 05/Aug/2004 9.91 Sacramento Valley Yankee Slough at Swanson Road 13/Jul/2004 UCD PHASE II Arsenic, Total 1.17 μg/L 0.1 UCD PHASE II Sacramento Valley Yankee Slough at Swanson Road 10/Aug/2004 Arsenic.Total μg/L μg/L 1.2 0.1 Sacramento Valley Yankee Slough at Swanson Road 24/Aug/2004 UCD PHASE II Arsenic,Total 1.35 0.1 Sacramento Valley μg/L μg/L Yankee Slough at Swanson Road 07/Sep/2004 UCD PHASE II Arsenic.Total 1.42 0.1 27/Jul/2004 UCD PHASE II 1.48 0.1 Sacramento Valley Yankee Slough at Swanson Road Arsenic.Total Yankee Slough at Swanson Road Sacramento Valley 13/Jul/2004 UCD PHASE II Boron, Total 11.6 mg/L Sacramento Valley 24/Aug/2004 27/Jul/2004 LICD PHASE II 0.1 Yankee Slough at Swanson Road Boron.Total 31 4 mg/L UCD PHASE II 47.5 Yankee Slough at Swanson Road Boron, Total Sacramento Valley mg/L UCD PHASE II UCD PHASE II Sacramento Valley Yankee Slough at Swanson Road 07/Sep/2004 Boron, Total 55.4 mg/L 0.1 Yankee Slough at Swanson Road 10/Aug/2004 Sacramento Valley Boron.Total 59.6 mg/L Sacramento Valley Yankee Slough at Swanson Road 13/Jul/2004 UCD PHASE II Cadmium 0.007 0.002 μg/L Sacramento Valley Yankee Slough at Swanson Road 27/Jul/2004 UCD PHASE II Cadmium.Total 0.01 μg/L 0.01 13/Jul/2004 UCD PHASE II Yankee Slough at Swanson Road Cobalt 0.002 Sacramento Valley 0.32 μg/L 13/Jul/2004 UCD PHASE II Sacramento Valley Yankee Slough at Swanson Road Copper 2.3 μg/L 0.003 Sacramento Valley Yankee Slough at Swanson Road 10/Aug/2004 UCD PHASE II Copper,Total 1.86 6 6.5 5.4 5.2 1.4 μg/L 0.01 UCD PHASE II Yankee Slough at Swanson Road 24/Aug/2004 0.01 Sacramento Valley Copper, Total 1.86 μq/L Sacramento Valley Yankee Slough at Swanson Road 07/Sep/2004 UCD PHASE II 2.15 μg/L 0.01 Copper, Total Sacramento Valley LICD PHASE II μg/L μg/L Yankee Slough at Swanson Road 27/.lul/2004 Copper,Total 2 96 0.003 Yankee Slough at Swanson Road 13/Jul/2004 UCD PHASE II 0.002 Sacramento Valley Lead 0.3 24/Aug/2004 10/Aug/2004 UCD PHASE II UCD PHASE II 1.8 1.7 Sacramento Valley Yankee Slough at Swanson Road Lead,Total 0.161 μg/L 0.01 Yankee Slough at Swanson Road

Lead.Total

0.175

0.01

Sacramento Valley

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program Water Quality Goal Detection Limit Coalition Area Date Name Method Sample Collected F Result Units Sample Site Sacramento Valley 07/Sep/2004 UCD PHASE II 0.01 Yankee Slough at Swanson Road Lead,Tota 0.19 μg/l Sacramento Valley Yankee Slough at Swanson Road 27/Jul/2004 LICD PHASE II Lead.Total 0.49 1.4 μg/L 0.002 UCD PHASE II 13/Jul/2004 1.24 Yankee Slough at Swanson Road μg/L μg/L 0.006 Sacramento Valley Nickel Yankee Slough at Swanson Road 10/Aug/2004 UCD PHASE II Nickel, Total 1.27 0.01 Sacramento Valley Sacramento Valley Sacramento Valley Yankee Slough at Swanson Road 24/Aug/2004 UCD PHASE II Nickel.Total 1.56 μg/L μg/L 0.01 07/Sep/2004 UCD PHASE II 1.73 0.01 Yankee Slough at Swanson Road Nickel, Total UCD PHASE II UCD PHASE II Sacramento Valley Yankee Slough at Swanson Road 27/Jul/2004 Nickel, Total 1.9 μg/L 0.01 Sacramento Valley Yankee Slough at Swanson Road 10/Aug/2004 Selenium.Total 0.146 μg/L 0.1 UCD PHASE II Sacramento Valley Yankee Slough at Swanson Road 27/Jul/2004 Selenium, Total 0.22 µg/L 0.1 07/Sep/2004 24/Aug/2004 0.285 Sacramento Valley Yankee Slough at Swanson Road UCD PHASE II Selenium, Total μg/L 0.1 UCD PHASE II Yankee Slough at Swanson Road Selenium.Total Sacramento Valley μg/L μg/L 0.1 UCD PHASE II Sacramento Valley Yankee Slough at Swanson Road 13/Jul/2004 1.66 0.02 Zinc Sacramento Valley Yankee Slough at Swanson Road 07/Sep/2004 UCD PHASE II Zinc,Total 0.805 μg/L 0.1 10/Aug/2004 UCD PHASE II Sacramento Valley Yankee Slough at Swanson Road Zinc.Total 1.03 0.1 μg/L Sacramento Valley Yankee Slough at Swanson Road 24/Aug/2004 UCD PHASE II Zinc,Total 1.08 μg/L 0.1 Yankee Slough at Swanson Road Bear Creek at Alpine Rd 27/Jul/2004 UCD PHASE II Zinc,Total Arsenic,Total μg/L μg/L Sacramento Valley 2.99 0.02 San Joaquin Co Delta 27/Jul/2005 UCD PHASE II 1.27 0.1 San Joaquin Co Delta Bear Creek at Alpine Rd 13/Jul/2005 UCD PHASE II Arsenic, Total 1.73 0.1 μg/L UCD PHASE II Bear Creek at Alpine Rd 29/Jun/2005 1.74 μg/L μg/L San Joaquin Co Delta Arsenic.Total 0.1 San Joaquin Co Delta Bear Creek at Alpine Rd 15/Jun/2005 UCD PHASE II Arsenic, Total 1.88 0.1 13/Jul/2005 27/Jul/2005 0.0219 0.0226 0.0002 San Joaquin Co Delta Bear Creek at Alpine Rd LICD PHASE II Boron, Total mg/L UCD PHASE II Bear Creek at Alpine Rd San Joaquin Co Delta Boron, Total mg/L UCD PHASE II San Joaquin Co Delta Bear Creek at Alpine Rd 29/Jun/2005 Boron, Total 0.0263 mg/L 0.0002 San Joaquin Co Delta Bear Creek at Alpine Rd 15/Jun/2005 UCD PHASE II Boron, Total 0.0335 mg/L 0.0002 Bear Creek at Alpine Rd 13/Jul/2005 UCD PHASE II 0.01 San Joaquin Co Delta 1.74 Copper.Total μg/L μg/L 7.7 7.9 7.9 San Joaquin Co Delta Bear Creek at Alpine Rd 15/Jun/2005 UCD PHASE II 2.46 0.01 Copper,Total UCD PHASE II San Joaquin Co Delta Bear Creek at Alpine Rd 29/Jun/2005 Copper, Total 2.66 μg/L 0.01 San Joaquin Co Delta Bear Creek at Alpine Rd 27/Jul/2005 UCD PHASE II Copper.Total 2.99 0.01 µg/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Bear Creek at Alpine Rd 13/Jul/2005 Lead,Total 0.31 2.0 μg/L 0.01 2.0 2.0 μg/L μg/L San Joaquin Co Delta Bear Creek at Alpine Rd 27/Jul/2005 Lead.Total 0.37 0.01 UCD PHASE II 0.43 0.01 San Joaquin Co Delta Bear Creek at Alpine Rd 15/Jun/2005 Lead, Tota 29/Jun/2005 13/Jul/2005 San Joaquin Co Delta Bear Creek at Alpine Rd LICD PHASE II Lead.Total 0.79 2.0 μg/L 0.01 UCD PHASE II 0.63 San Joaquin Co Delta Bear Creek at Alpine Rd Nickel.Total μg/L 0.01 San Joaquin Co Delta Bear Creek at Alpine Rd 29/Jun/2005 UCD PHASE II Nickel, Total 1.19 μg/L 0.01 San Joaquin Co Delta Bear Creek at Alpine Rd 15/Jun/2005 UCD PHASE II Nickel.Total 1.5 μg/L 0.01 27/Jul/2005 UCD PHASE II Nickel, Total 1.9 San Joaquin Co Delta Bear Creek at Alpine Rd μg/L 0.01 27/Jul/2005 UCD PHASE II μg/L San Joaquin Co Delta Bear Creek at Alpine Rd Selenium,Total 0.12 0.1 UCD PHASE II San Joaquin Co Delta Bear Creek at Alpine Rd 29/Jun/2005 Selenium.Total 0.76 μg/L 0.1 13/Jul/2005 San Joaquin Co Delta Bear Creek at Alpine Rd UCD PHASE II Selenium, Total 1.01 0.1 ua/L San Joaquin Co Delta Bear Creek at Alpine Rd 15/Jun/2005 UCD PHASE II Selenium, Total 1.16 μg/L 0.1 UCD PHASE II 13/Jul/2005 μg/L μg/L 0.1 0.1 San Joaquin Co Delta Bear Creek at Alpine Rd Zinc,Total 1.46 San Joaquin Co Delta Bear Creek at Alpine Rd 27/Jul/2005 UCD PHASE II Zinc,Total 1.8 San Joaquin Co Delta Bear Creek at Alpine Rd 29/Jun/2005 LICD PHASE II Zinc,Total 2.08 μg/L 0.1 15/Jun/2005 UCD PHASE II Bear Creek at Alpine Rd 2.32 San Joaquin Co Delta μg/L μg/L 0.1 Zinc.Total Bear Creek at Harney Ln. UCD PHASE II Arsenic,Total 0.1 San Joaquin Co Delta 29/Jun/2005 1.03 Bear Creek at Harney Ln. 0.1 0.1 San Joaquin Co Delta 15/Jun/2005 UCD PHASE II Arsenic.Total 2.15 μg/L San Joaquin Co Delta Bear Creek at Harney Ln. 27/Jul/2005 UCD PHASE II Arsenic, Total 2.62 μg/L San Joaquin Co Delta Bear Creek at Harney Ln. 13/Jul/2005 UCD PHASE II Arsenic, Total 2.81 μg/L San Joaquin Co Delta Bear Creek at Harney Ln. 29/Jun/2005 UCD PHASE II Boron, Total 0.0138 mg/L 0.0002 UCD PHASE II San Joaquin Co Delta Bear Creek at Harney Ln. 27/Jul/2005 Boron, Total 0.0188 0.0002 ma/L San Joaquin Co Delta Bear Creek at Harney Ln. 13/Jul/2005 UCD PHASE II Boron, Total 0.0202 mg/L 0.0002 UCD PHASE II 15/Jun/2005 0.0002 San Joaquin Co Delta Bear Creek at Harney Ln. Boron.Total 0.0437 mg/L 13/Jul/2005 UCD PHASE II San Joaquin Co Delta Bear Creek at Harney Ln. Cadmium, Total 0.01 0.01 µg/L 27/Jul/2005 27/Jul/2005 San Joaquin Co Delta Bear Creek at Harney Ln. UCD PHASE II Cadmium.Total 0.01 μg/L 0.01 UCD PHASE II Bear Creek at Harney Ln. 5.3 2.9 μg/L μg/L 0.01 San Joaquin Co Delta Copper.Total 0.92 Bear Creek at Harney Ln. 29/Jun/2005 UCD PHASE II 0.01 San Joaquin Co Delta Copper, Total 1.57 Bear Creek at Harney Ln. 9 4.7 μg/L μg/L San Joaquin Co Delta 15/Jun/2005 UCD PHASE II Copper, Total 1.81 0.01 Bear Creek at Harney Ln. 13/Jul/2005 UCD PHASE II San Joaquin Co Delta 0.01 Copper.Total 3 1.4 0.57 Bear Creek at Harney Ln. 27/Jul/2005 UCD PHASE II 0.29 0.01 San Joaquin Co Delta Lead, Total μg/L UCD PHASE II μg/L μg/L San Joaquin Co Delta Bear Creek at Harney Ln. 29/Jun/2005 Lead.Total 0.47 0.01 San Joaquin Co Delta Bear Creek at Harney Ln. 15/Jun/2005 UCD PHASE II Lead, Total 0.55 2.0 0.01 San Joaquin Co Delta Bear Creek at Harney Ln. 13/Jul/2005 UCD PHASE II UCD PHASE II Lead, Total 0.68 μg/L 0.01 San Joaquin Co Delta Bear Creek at Harney Ln. 29/Jun/2005 Nickel.Total 0.46 μg/L 0.01 Bear Creek at Harney Ln. 27/Jul/2005 UCD PHASE II San Joaquin Co Delta Nickel, Total 0.82 μg/L 0.01 San Joaquin Co Delta Bear Creek at Harney Ln. 15/Jun/2005 UCD PHASE II Nickel.Total 1.22 μg/L 0.01 UCD PHASE II 13/Jul/2005 Bear Creek at Harney Ln. Nickel.Total 1.25 μg/L μg/L San Joaquin Co Delta 0.01 San Joaquin Co Delta Bear Creek at Harney Ln. 29/Jun/2005 UCD PHASE II Selenium,Total 0.14 0.1 Bear Creek at Harney Ln. μg/L μg/L 0.1 0.1 San Joaquin Co Delta 13/Jul/2005 UCD PHASE II Selenium.Total 0.64 UCD PHASE II San Joaquin Co Delta Bear Creek at Harney Ln. 15/Jun/2005 Selenium, Total 0.93 San Joaquin Co Delta Bear Creek at Harney Ln. 27/Jul/2005 UCD PHASE II Selenium, Total μg/L 0.1 1.21 Bear Creek at Harney Ln. LICD PHASE II μg/L μg/L 0.1 0.1 San Joaquin Co Delta 29/Jun/2005 Zinc.Total 1.86 UCD PHASE II San Joaquin Co Delta Bear Creek at Harney Ln. 15/Jun/2005 2.09 Zinc,Total UCD PHASE II UCD PHASE II 2.29 San Joaquin Co Delta Bear Creek at Harney Ln. 27/Jul/2005 Zinc,Total μg/L 0.1 13/Jul/2005 San Joaquin Co Delta Bear Creek at Harney Ln. Zinc.Total 4.62 μg/L 0.1 San Joaquin Co Delta Calaveras River at Clements Rd. 13/Jul/2005 UCD PHASE II Arsenic,Total 0.39 μg/L 0.1 San Joaquin Co Delta Calaveras River at Clements Rd. Calaveras River at Clements Rd. 29/Jun/2005 UCD PHASE II Arsenic.Total 0.42 μg/L 0.1 UCD PHASE II San Joaquin Co Delta 15/Jun/2005 Arsenic.Total 0.48 μq/L 0.1 27/Jul/2005 UCD PHASE II San Joaquin Co Delta Calaveras River at Clements Rd. Arsenic, Total 0.5 μg/L 0.1 0.0002 San Joaquin Co Delta Calaveras River at Clements Rd. 27/Jul/2005 UCD PHASE II Boron, Total 0.0168 mg/L 13/Jul/2005 UCD PHASE II Calaveras River at Clements Rd. 0.0002 Boron, Total 0.0176 San Joaquin Co Delta mg/L Calaveras River at Clements Rd 29/Jun/2005 UCD PHASE II Boron,Total 0.021 mg/L 0.0002 San Joaquin Co Delta mg/L μg/L San Joaquin Co Delta Calaveras River at Clements Rd 15/Jun/2005 UCD PHASE II Boron, Total 0.0232 0.0002 Calaveras River at Clements Rd. 13/Jul/2005 UCD PHASE II San Joaquin Co Delta Copper,Total 1.4 0.01 UCD PHASE II UCD PHASE II μġ/L San Joaquin Co Delta Calaveras River at Clements Rd. 29/Jun/2005 Copper,Total 1.43 7 7.2 0.01

27/Jul/2005

San Joaquin Co Delta

Calaveras River at Clements Rd

1.47

0.01

Copper, Total

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected E Result Method Units Sample Site San Joaquin Co Delta 15/Jun/2005 UCD PHASE II 1.58 0.01 Calaveras River at Clements Rd Copper,Total μg/l 2.0 2.0 San Joaquin Co Delta Calaveras River at Clements Rd. 29/Jun/2005 LICD PHASE II Lead, Total 0.04 μg/L 0.01 UCD PHASE II Calaveras River at Clements Rd. 13/Jul/2005 Lead.Total 0.05 μg/L μg/L 0.01 San Joaquin Co Delta San Joaquin Co Delta Calaveras River at Clements Rd. 27/Jul/2005 UCD PHASE II Lead, Total 0.06 2.0 0.01 San Joaquin Co Delta Calaveras River at Clements Rd 15/Jun/2005 UCD PHASE II Lead.Total 0.07 2.0 μg/L 0.01 13/Jul/2005 UCD PHASE II 0.01 San Joaquin Co Delta Calaveras River at Clements Rd. Nickel, Total 0.69 µq/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Calaveras River at Clements Rd. 29/Jun/2005 Nickel, Total 0.7 μg/L 0.01 San Joaquin Co Delta Calaveras River at Clements Rd. 27/Jul/2005 Nickel.Total 0.76 μg/L 0.01 UCD PHASE II San Joaquin Co Delta Calaveras River at Clements Rd. 15/Jun/2005 Nickel, Total 0.82 µg/L 0.01 29/Jun/2005 13/Jul/2005 San Joaquin Co Delta Calaveras River at Clements Rd UCD PHASE II Selenium, Total 0.52 μg/L 0.1 UCD PHASE II 0.58 Calaveras River at Clements Rd Selenium.Total 0.1 San Joaquin Co Delta μg/L UCD PHASE II San Joaquin Co Delta Calaveras River at Clements Rd. 15/Jun/2005 Selenium, Total 0.93 μg/L 0.1 San Joaquin Co Delta Calaveras River at Clements Rd 27/Jul/2005 UCD PHASE II Zinc,Total 0.34 μg/L 0.1 UCD PHASE II Calaveras River at Clements Rd. 15/Jun/2005 San Joaquin Co Delta Zinc.Total 0.63 0.1 μg/L San Joaquin Co Delta Calaveris River at Pezzi Rd 15/Jun/2005 UCD PHASE II Arsenic,Total 0.48 μg/L 0.1 μg/L μg/L 0.1 0.1 San Joaquin Co Delta Calaveris River at Pezzi Rd 13/Jul/2005 UCD PHASE II Arsenic, Total 0.54 San Joaquin Co Delta Calaveris River at Pezzi Rd 29/Jun/2005 UCD PHASE II Arsenic,Total 0.58 Arsenic,Total San Joaquin Co Delta Calaveris River at Pezzi Rd 27/Jul/2005 LICD PHASE II 0.7 μg/L 0.1 UCD PHASE II 0.0186 0.0002 Calaveris River at Pezzi Rd 13/Jul/2005 San Joaquin Co Delta Boron.Total mg/L San Joaquin Co Delta Calaveris River at Pezzi Rd 27/Jul/2005 UCD PHASE II Boron, Total 0.0188 mg/L 0.0002 15/Jun/2005 29/Jun/2005 San Joaquin Co Delta Calaveris River at Pezzi Rd LICD PHASE II Boron, Total 0.0225 mg/L 0.0002 UCD PHASE II San Joaquin Co Delta Calaveris River at Pezzi Rd Boron.Total 0.0232 mg/L 0.0002 Calaveris River at Pezzi Rd UCD PHASE II San Joaquin Co Delta 29/Jun/2005 Copper,Total 1.73 0.01 μg/L San Joaquin Co Delta Calaveris River at Pezzi Rd 15/Jun/2005 UCD PHASE II Copper,Total 1.86 7.2 μg/L 0.01 Calaveris River at Pezzi Rd 13/Jul/2005 UCD PHASE II 6.9 San Joaquin Co Delta 1.89 0.01 μg/L μg/L Copper.Total 7.2 2.0 2.0 San Joaquin Co Delta Calaveris River at Pezzi Rd 27/Jul/2005 UCD PHASE II 2.26 0.01 Copper,Total UCD PHASE II San Joaquin Co Delta Calaveris River at Pezzi Rd 15/Jun/2005 Lead.Total 0.1 μg/L 0.01 San Joaquin Co Delta Calaveris River at Pezzi Rd 29/Jun/2005 UCD PHASE II Lead.Total 0.12 0.01 ua/L San Joaquin Co Delta Calaveris River at Pezzi Rd 13/Jul/2005 UCD PHASE II Lead, Total 0.21 2.0 μg/L 0.01 UCD PHASE II μg/L μg/L San Joaquin Co Delta Calaveris River at Pezzi Rd 27/Jul/2005 Lead.Total 0.36 0.01 UCD PHASE II San Joaquin Co Delta Calaveris River at Pezzi Rd 29/Jun/2005 Nickel, Total 0.79 0.01 San Joaquin Co Delta Calaveris River at Pezzi Rd 13/Jul/2005 LICD PHASE II Nickel.Total 0.81 μg/L 0.01 UCD PHASE II Calaveris River at Pezzi Rd 15/Jun/2005 Nickel.Total 0.82 0.01 San Joaquin Co Delta µg/L San Joaquin Co Delta Calaveris River at Pezzi Rd 27/Jul/2005 UCD PHASE II Nickel, Total 1.08 μg/L 0.01 San Joaquin Co Delta Calaveris River at Pezzi Rd 29/Jun/2005 UCD PHASE II Selenium, Total 0.19 μg/L 0.1 Calaveris River at Pezzi Rd 13/Jul/2005 UCD PHASE II Selenium,Total 0.44 0.1 San Joaquin Co Delta μg/L UCD PHASE II San Joaquin Co Delta Calaveris River at Pezzi Rd 15/Jun/2005 Selenium, Total 0.63 μg/L 0.1 UCD PHASE II San Joaquin Co Delta Calaveris River at Pezzi Rd 27/Jul/2005 Selenium.Total 0.87 μg/L 0.1 San Joaquin Co Delta Calaveris River at Pezzi Rd 29/Jun/2005 UCD PHASE II Zinc,Total 0.51 0.1 ua/L San Joaquin Co Delta Calaveris River at Pezzi Rd 15/Jun/2005 UCD PHASE II Zinc,Total 0.59 μg/L 0.1 UCD PHASE II μg/L μg/L 0.1 0.1 San Joaquin Co Delta Calaveris River at Pezzi Rd 13/Jul/2005 Zinc, Total 0.68 Calaveris River at Pezzi Rd 27/Jul/2005 UCD PHASE II Zinc,Total San Joaquin Co Delta 1.5 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 16/Feb/2005 LICD PHASE II Arsenic, Total 2 97 μg/L 0.1 UCD PHASE II Drain to Grant Line Canal off Wing Levee Rd. 29/Jan/2005 3.22 San Joaquin Co Delta Arsenic.Total 0.1 μg/L Drain to Grant Line Canal off Wing Levee Rd UCD PHASE II Arsenic, Total μg/L 0.1 San Joaquin Co Delta 28/Jan/2005 3.25 Drain to Grant Line Canal off Wing Levee Rd. Drain to Grant Line Canal off Wing Levee Rd. 0.1 San Joaquin Co Delta 15/Feb/2005 UCD PHASE II Arsenic.Total 3.27 μg/L 03/Feb/2005 UCD PHASE II Arsenic, Total 3.31 San Joaquin Co Delta ua/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 31/Jan/2005 UCD PHASE II Arsenic, Total 3.4 μg/L 0.1 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd 26/Jan/2005 UCD PHASE II Arsenic.Total 3.81 μg/L 0.1 Arsenic,Total 0.1 Drain to Grant Line Canal off Wing Levee Rd. 27/Jan/2005 UCD PHASE II 4.52 San Joaquin Co Delta ua/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 31/Aug/2004 UCD PHASE II Arsenic, Total 5 68 μg/L 0.1 UCD PHASE II Drain to Grant Line Canal off Wing Levee Rd. 21/Jul/2004 San Joaquin Co Delta Arsenic.Total 5.69 μg/L 0.1 UCD PHASE II 0.1 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 17/Aug/2004 Arsenic, Total 6.48 µg/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 14/Sep/2004 UCD PHASE II Arsenic.Total 6.56 μg/L 0.1 UCD PHASE II Drain to Grant Line Canal off Wing Levee Rd 31/Aug/2004 San Joaquin Co Delta Boron, Total 39.7 mg/L 0.1 Drain to Grant Line Canal off Wing Levee Rd UCD PHASE II 0.1 San Joaquin Co Delta 14/Sep/2004 Boron, Total mg/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 16/Feb/2005 UCD PHASE II Boron.Total 307 mg/L 0.2 Drain to Grant Line Canal off Wing Levee Rd. UCD PHASE II Boron, Total 29/Jan/2005 312 0.04 San Joaquin Co Delta ma/L Drain to Grant Line Canal off Wing Levee Rd. 28/Jan/2005 UCD PHASE II San Joaquin Co Delta Boron, Total mg/L 0.04 UCD PHASE II San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd 15/Feb/2005 Boron.Total 316 mg/L 0.2 Drain to Grant Line Canal off Wing Levee Rd. 21/Jul/2004 UCD PHASE II Boron, Total 475 San Joaquin Co Delta mg/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 03/Feb/2005 UCD PHASE II Boron, Total 477 mg/L 0.04 UCD PHASE II San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd 31/Jan/2005 Boron.Total 486 mg/L 0.04 UCD PHASE II San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 26/Jan/2005 Boron, Total 498 0.04 mg/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 17/Aug/2004 UCD PHASE II Boron, Total 499 mg/L Drain to Grant Line Canal off Wing Levee Rd. 27/Jan/2005 UCD PHASE II 0.04 Boron, Total 510 San Joaquin Co Delta mg/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd 14/Sep/2004 UCD PHASE II Cadmium,Total 0.038 μg/L 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 17/Aug/2004 UCD PHASE II Cadmium.Total 0.04 μg/L 0.01 0.04 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 03/Feb/2005 UCD PHASE II Cadmium.Total ua/L 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 31/Aug/2004 UCD PHASE II 0.045 0.01 Cadmium, Total μg/L μg/L μg/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 29/Jan/2005 UCD PHASE II Cadmium.Total 0.05 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 28/Jan/2005 UCD PHASE II Cadmium, Total 0.06 0.01 UCD PHASE II UCD PHASE II San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 31/Jan/2005 Cadmium, Total μg/L 0.01 Drain to Grant Line Canal off Wing Levee Rd 0.07 San Joaquin Co Delta 15/Feb/2005 Cadmium.Total 0.07 μg/L 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 16/Feb/2005 UCD PHASE II Cadmium, Total 0.07 0.07 μg/L 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 26/Jan/2005 UCD PHASE II Cadmium.Total 0.08 0.07 μg/L 0.01 UCD PHASE II Drain to Grant Line Canal off Wing Levee Rd. 21/Jul/2004 0.07 San Joaquin Co Delta Cadmium.Total 0.1 μq/L 0.01 UCD PHASE II 0.07 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 27/Jan/2005 Cadmium, Total μg/L 0.01 25 30 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 14/Sep/2004 UCD PHASE II Copper,Total 3.55 μg/L 0.01 UCD PHASE II Drain to Grant Line Canal off Wing Levee Rd. 17/Aug/2004 4.24 μg/L San Joaquin Co Delta Copper, Total 0.01 Drain to Grant Line Canal off Wing Levee Rd 31/Aug/2004 UCD PHASE II 4.24 20 µg/L 0.01 San Joaquin Co Delta Copper,Total 30 30 μg/L μg/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 03/Feb/2005 UCD PHASE II Copper,Total 5.32 0.01 Drain to Grant Line Canal off Wing Levee Rd. UCD PHASE II San Joaquin Co Delta 29/Jan/2005 Copper, Total 6.18 0.01 UCD PHASE II UCD PHASE II San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 16/Feb/2005 Copper,Total 6.92 30 μg/L 0.01 Drain to Grant Line Canal off Wing Levee Rd 31/Jan/2005

Copper, Total

7.01

0.01

San Joaquin Co Delta

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program Water Quality Goal Detection Limit Coalition Area Date Name Sample Collected E Result Method Units Sample Site San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd 28/Jan/2005 UCD PHASE II 7.44 30 0.01 Copper,Total μg/l 30 30 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 15/Feb/2005 LICD PHASE II Copper,Total 7.77 μg/L 0.01 UCD PHASE II Drain to Grant Line Canal off Wing Levee Rd. 9.36 26/Jan/2005 μg/L μg/L 0.01 San Joaquin Co Delta Copper.Total San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 21/Jul/2004 UCD PHASE II Copper,Total 10.9 23 0.003 30 2.0 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 27/Jan/2005 UCD PHASE II Copper,Total 13 0.22 μg/L 0.01 Drain to Grant Line Canal off Wing Levee Rd. UCD PHASE II 0.01 San Joaquin Co Delta 14/Sep/2004 Lead,Total µq/L UCD PHASE II UCD PHASE II 2.0 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 29/Jan/2005 Lead, Total 0.28 μg/L 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 03/Feb/2005 Lead.Total 0.32 μg/L 0.01 San Joaquin Co Delta 17/Aug/2004 2.0 Drain to Grant Line Canal off Wing Levee Rd. UCD PHASE II Lead, Total 0.333 μg/L 0.01 Drain to Grant Line Canal off Wing Levee Rd.
Drain to Grant Line Canal off Wing Levee Rd. 2.0 San Joaquin Co Delta 31/Jan/2005 UCD PHASE II Lead, Total 0.46 μg/L 0.01 UCD PHASE II 0.58 28/Jan/2005 0.01 San Joaquin Co Delta Lead.Tota μg/L 2.0 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 16/Feb/2005 UCD PHASE II Lead, Total 0.6 μg/L 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 31/Aug/2004 UCD PHASE II Lead.Total 0.677 2.0 μg/L 0.01 Drain to Grant Line Canal off Wing Levee Rd. 15/Feb/2005 UCD PHASE II San Joaquin Co Delta Lead.Tota 1.02 μg/L μg/L 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 27/Jan/2005 UCD PHASE II Lead, Total 1.07 2.0 0.01 26/Jan/2005 1.33 2.51 μg/L μg/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. UCD PHASE II Lead.Total 2.0 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 21/Jul/2004 UCD PHASE II Lead,Total 0.002 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 17/Aug/2004 UCD PHASE II Nickel, Total 5 23 0.01 μg/L UCD PHASE II Drain to Grant Line Canal off Wing Levee Rd. 14/Sep/2004 5.89 μg/L μg/L San Joaquin Co Delta Nickel.Total 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 31/Aug/2004 UCD PHASE II Nickel, Total 6.02 0.01 03/Feb/2005 29/Jan/2005 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. LICD PHASE II Nickel.Total 7.71 μg/L 0.01 UCD PHASE II Drain to Grant Line Canal off Wing Levee Rd. 7.96 San Joaquin Co Delta Nickel.Total μg/L μg/L 0.01 Drain to Grant Line Canal off Wing Levee Rd UCD PHASE II San Joaquin Co Delta 16/Feb/2005 Nickel, Total 8.07 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd 31/Jan/2005 UCD PHASE II Nickel.Total 8.5 μg/L 0.01 Drain to Grant Line Canal off Wing Levee Rd. 15/Feb/2005 UCD PHASE II 8.67 San Joaquin Co Delta Nickel.Total 0.01 μg/L μg/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 28/Jan/2005 UCD PHASE II Nickel, Total 9.11 0.01 UCD PHASE II San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 21/Jul/2004 Nickel.Total 11 μg/L 0.01 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 26/Jan/2005 UCD PHASE II Nickel.Total 11.6 0.01 µg/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 27/Jan/2005 Nickel, Total 12 μg/L 0.01 Drain to Grant Line Canal off Wing Levee Rd 0.1 0.1 San Joaquin Co Delta 31/Aug/2004 Selenium.Total 2.51 μg/L Drain to Grant Line Canal off Wing Levee Rd. San Joaquin Co Delta 14/Sep/2004 UCD PHASE II Selenium, Total 2.96 µg/L Drain to Grant Line Canal off Wing Levee Rd.
Drain to Grant Line Canal off Wing Levee Rd. 17/Aug/2004 21/Jul/2004 3.27 3.48 0.1 San Joaquin Co Delta LICD PHASE II Selenium, Total μg/L UCD PHASE II μg/L Selenium.Total San Joaquin Co Delta San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 16/Feb/2005 UCD PHASE II Selenium, Total 3.59 μg/L 0.1 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 15/Feb/2005 UCD PHASE II Selenium, Total 4.42 μg/L 0.1 Drain to Grant Line Canal off Wing Levee Rd. 31/Jan/2005 UCD PHASE II Selenium,Total 4.93 0.1 San Joaquin Co Delta μg/L Drain to Grant Line Canal off Wing Levee Rd UCD PHASE II 0.1 San Joaquin Co Delta 03/Feb/2005 Selenium, Total 5.08 μg/L 5 5 5 5.51 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 26/Jan/2005 UCD PHASE II Selenium.Total μg/L 0.1 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 28/Jan/2005 UCD PHASE II Selenium, Total 5.62 0.1 μg/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 29/Jan/2005 UCD PHASE II Selenium, Total 5.89 μg/L 0.1 Drain to Grant Line Canal off Wing Levee Rd. UCD PHASE II μg/L μg/L 0.1 0.1 San Joaquin Co Delta 27/Jan/2005 Selenium.Total 6.88 Drain to Grant Line Canal off Wing Levee Rd UCD PHASE II San Joaquin Co Delta 17/Aug/2004 Zinc,Total 3.75 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. Drain to Grant Line Canal off Wing Levee Rd. 14/Sep/2004 03/Feb/2005 LICD PHASE II Zinc,Total 4 76 μg/L 0.1 UCD PHASE II San Joaquin Co Delta 5.47 μg/L μg/L 0.1 Zinc.Total Drain to Grant Line Canal off Wing Levee Rd 31/Aug/2004 UCD PHASE II Zinc,Total 0.1 San Joaquin Co Delta 5.71 0.1 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 29/Jan/2005 UCD PHASE II Zinc,Total 6 27 μg/L Drain to Grant Line Canal off Wing Levee Rd. 31/Jan/2005 UCD PHASE II 8.42 San Joaquin Co Delta Zinc.Total ua/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 28/Jan/2005 UCD PHASE II Zinc,Total μg/L 0.1 San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd 16/Feb/2005 UCD PHASE II Zinc.Total 9.49 μg/L 0.1 Drain to Grant Line Canal off Wing Levee Rd. 15/Feb/2005 UCD PHASE II Zinc,Total 13.3 0.1 San Joaquin Co Delta ua/L San Joaquin Co Delta Drain to Grant Line Canal off Wing Levee Rd. 26/Jan/2005 UCD PHASE II Zinc,Total 18.1 390 μg/L 0.1 UCD PHASE II Drain to Grant Line Canal off Wing Levee Rd San Joaquin Co Delta 27/Jan/2005 Zinc.Total 18.7 390 μg/L 0.1 Drain to Grant Line Canal off Wing Levee Rd. UCD PHASE II San Joaquin Co Delta 21/Jul/2004 Zinc,Total 19.2 0.02 µg/L 6.31 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 17/Aug/2004 UCD PHASE II Arsenic, Total μg/L 0.1 16/Feb/2005 UCD PHASE II Drain to North Canal at South Bonetti Rd. 0.1 0.1 San Joaquin Co Delta Arsenic.Total 7.82 μq/L Drain to North Canal at South Bonetti Rd UCD PHASE II Arsenic,Total San Joaquin Co Delta 29/Jan/2005 8.02 μg/L μg/L μg/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd 15/Feb/2005 UCD PHASE II Arsenic.Total 8.17 0.1 Drain to North Canal at South Bonetti Rd. UCD PHASE II 0.1 28/Jan/2005 Arsenic, Total 8.51 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd 26/Jan/2005 UCD PHASE II 0.1 San Joaquin Co Delta Arsenic, Total 9.84 μg/L UCD PHASE II 10.2 10.7 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 03/Feb/2005 Arsenic.Total 10 μg/L 0.1 Drain to North Canal at South Bonetti Rd. 14/Sep/2004 UCD PHASE II 10 0.1 San Joaquin Co Delta Arsenic, Total μg/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 27/Jan/2005 UCD PHASE II UCD PHASE II Arsenic, Total 10.8 10 10 μg/L 0.1 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Jan/2005 Arsenic.Total 11.2 μg/L μg/L 0.1 UCD PHASE II 11.8 10 0.1 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Aug/2004 Arsenic, Total San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 21/Jul/2004 UCD PHASE II Arsenic.Total 23.8 10 μg/L 0.1 UCD PHASE II 30.6 Drain to North Canal at South Bonetti Rd. 31/Aug/2004 San Joaquin Co Delta Boron, Total mg/L 0.1 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 14/Sep/2004 UCD PHASE II 41.2 mg/L 0.1 Boron, Total 17/Aug/2004 21/Jul/2004 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. UCD PHASE II Boron.Total 440 mg/L UCD PHASE II San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. Boron, Total 476 ma/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 16/Feb/2005 UCD PHASE II 0.2 Boron, Total 612 mg/L 723 762 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd 15/Feb/2005 UCD PHASE II Boron.Total 700 mg/L 0.2 0.04 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 29/Jan/2005 UCD PHASE II Boron, Total 700 mg/L UCD PHASE II UCD PHASE II 882 1030 0.04 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 28/Jan/2005 Boron, Total 700 mg/L 03/Feb/2005 700 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. Boron.Total mg/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Jan/2005 UCD PHASE II Boron, Total 1210 700 0.04 mg/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 26/Jan/2005 LICD PHASE II Boron, Total 1280 700 mg/L 0.04 UCD PHASE II 1580 0.04 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 27/Jan/2005 Boron, Total 700 mg/L UCD PHASE II 0.048 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 14/Sep/2004 Cadmium, Total 0.01 μg/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 17/Aug/2004 UCD PHASE II Cadmium.Total 0.051 μg/L 0.01 UCD PHASE II 31/Aug/2004 Drain to North Canal at South Bonetti Rd Cadmium, Total 0.066 San Joaquin Co Delta µq/L 0.01 Drain to North Canal at South Bonetti Rd 29/Jan/2005 UCD PHASE II Cadmium,Total 0.07 0.01 San Joaquin Co Delta μg/L μg/L μg/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd 03/Feb/2005 UCD PHASE II Cadmium Total 0.090.07 0.01 Drain to North Canal at South Bonetti Rd. UCD PHASE II 0.07 San Joaquin Co Delta 15/Feb/2005 Cadmium, Total 0.1 0.01 UCD PHASE II UCD PHASE II 0.12 0.12 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 26/Jan/2005 Cadmium, Total 0.07 μg/L 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 28/Jan/2005 Cadmium.Total 0.07 0.01

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected E Result Method Units Sample Site Nat San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Jan/2005 UCD PHASE II 0.07 0.01 Cadmium, Total μg/l San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 27/Jan/2005 LICD PHASE II Cadmium.Total 0.14 0.07 μg/L 0.01 UCD PHASE II Drain to North Canal at South Bonetti Rd. 16/Feb/2005 0.14 0.07 μg/L μg/L 0.01 San Joaquin Co Delta Cadmium.Total San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 21/Jul/2004 UCD PHASE II Cadmium, Total 0.16 0.07 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Aug/2004 UCD PHASE II Copper, Total 3.73 18 20 μg/L 0.01 14/Sep/2004 UCD PHASE II 4.16 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. Copper, Total µq/L UCD PHASE II UCD PHASE II 19 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. . 17/Aug/2004 Copper, Total 4.18 μg/L 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 29/Jan/2005 Copper, Total 10.3 μg/L 0.01 30 30 30 UCD PHASE II San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 03/Feb/2005 Copper, Total 10.8 μg/L 0.01 11.4 12.2 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 26/Jan/2005 UCD PHASE II Copper,Total μg/L 0.01 UCD PHASE II Drain to North Canal at South Bonetti Rd. 15/Feb/2005 0.01 San Joaquin Co Delta Copper, Total μg/L 30 30 30 34 20 2.0 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 28/Jan/2005 UCD PHASE II Copper, Total 12.6 μg/L 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 27/Jan/2005 UCD PHASE II Copper, Total 12.7 μg/L 0.01 UCD PHASE II 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Jan/2005 13.3 μg/L μg/L Copper, Total San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 16/Feb/2005 UCD PHASE II 13.7 0.01 Copper, Total Drain to North Canal at South Bonetti Rd. Copper,Total Lead,Total μg/L μg/L San Joaquin Co Delta 21/Jul/2004 UCD PHASE II 17.9 0.003 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 17/Aug/2004 UCD PHASE II 0.577 0.01 2.0 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Aug/2004 UCD PHASE II Lead, Total 0.704 0.01 μg/L UCD PHASE II Drain to North Canal at South Bonetti Rd. 14/Sep/2004 μg/L μg/L San Joaquin Co Delta Lead.Total 0.844 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 29/Jan/2005 UCD PHASE II Lead, Total 0.98 2.0 0.01 26/Jan/2005 27/Jan/2005 1.22 2.0 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. LICD PHASE II Lead, Total μg/L 0.01 UCD PHASE II Drain to North Canal at South Bonetti Rd. San Joaquin Co Delta Lead.Total μg/L μg/L 0.01 UCD PHASE II 2.0 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 28/Jan/2005 Lead, Total 1.41 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 15/Feb/2005 UCD PHASE II Lead.Total 1.41 1.53 2.0 2.0 μg/L 0.01 Drain to North Canal at South Bonetti Rd. 03/Feb/2005 UCD PHASE II 0.01 San Joaquin Co Delta Lead.Total µg/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Jan/2005 UCD PHASE II Lead, Total 1.64 2.0 μg/L 0.01 UCD PHASE II 2.26 3.34 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 16/Feb/2005 Lead.Total 2.0 μg/L 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 21/Jul/2004 UCD PHASE II Lead.Total 0.002 µg/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 17/Aug/2004 Nickel, Total 4.61 μg/L 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 14/Sep/2004 Nickel.Total 5.93 μg/L 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Aug/2004 UCD PHASE II Nickel, Total 6.51 0.01 µq/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 03/Feb/2005 LICD PHASE II Nickel.Total 8.36 μg/L 0.01 UCD PHASE II Drain to North Canal at South Bonetti Rd. 29/Jan/2005 Nickel.Total 8.48 0.01 San Joaquin Co Delta µg/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 15/Feb/2005 UCD PHASE II Nickel, Total 8.92 μg/L 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 26/Jan/2005 UCD PHASE II Nickel.Total 10.2 μg/L 0.01 Drain to North Canal at South Bonetti Rd. 28/Jan/2005 UCD PHASE II Nickel, Total 10.5 San Joaquin Co Delta μg/L 0.01 UCD PHASE II San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Jan/2005 Nickel, Total 10.8 μg/L 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 16/Feb/2005 UCD PHASE II Nickel.Total 11.4 μg/L 0.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 27/Jan/2005 UCD PHASE II Nickel, Total 11.8 0.01 ua/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 21/Jul/2004 UCD PHASE II Nickel, Total 12 μg/L 0.01 UCD PHASE II μg/L μg/L 0.1 0.1 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 16/Feb/2005 Selenium.Total 1.65 31/Aug/2004 Selenium,Total Drain to North Canal at South Bonetti Rd UCD PHASE II San Joaquin Co Delta 2.01 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd 14/Sep/2004 15/Feb/2005 LICD PHASE II Selenium.Total 2.06 μg/L 0.1 UCD PHASE II 2.09 Drain to North Canal at South Bonetti Rd. San Joaquin Co Delta Selenium.Total μg/L μg/L 0.1 17/Aug/2004 UCD PHASE II 2.14 0.1 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd Selenium, Total 0.1 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 21/.lul/2004 UCD PHASE II Selenium.Total 2 62 μg/L Drain to North Canal at South Bonetti Rd. 28/Jan/2005 UCD PHASE II Selenium, Total 2.62 San Joaquin Co Delta μg/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Jan/2005 UCD PHASE II Selenium, Total μg/L 0.1 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 03/Feb/2005 UCD PHASE II Selenium.Total 2.72 μg/L 0.1 0.1 Drain to North Canal at South Bonetti Rd. 27/Jan/2005 UCD PHASE II Selenium, Total 2.79 San Joaquin Co Delta ua/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 29/Jan/2005 UCD PHASE II Selenium, Total 2 95 μg/L 0.1 UCD PHASE II San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 26/Jan/2005 Selenium.Total 3.11 μg/L 0.1 UCD PHASE II 0.1 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 17/Aug/2004 Zinc,Total 3.81 µg/L Drain to North Canal at South Bonetti Rd. San Joaquin Co Delta 31/Aug/2004 UCD PHASE II Zinc,Total 4.9 μg/L 0.1 UCD PHASE II Drain to North Canal at South Bonetti Rd. 14/Sep/2004 5.04 San Joaquin Co Delta Zinc.Total μg/L 0.1 Drain to North Canal at South Bonetti Rd 29/Jan/2005 UCD PHASE II Zinc,Total 0.1 San Joaquin Co Delta 12.2 μg/L Zinc,Total Zinc,Total μg/L μg/L San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 03/Feb/2005 UCD PHASE II 13.8 0.1 UCD PHASE II 0.1 Drain to North Canal at South Bonetti Rd. 15/Feb/2005 390 San Joaquin Co Delta 14.4 Drain to North Canal at South Bonetti Rd 28/Jan/2005 UCD PHASE II 16 0.1 San Joaquin Co Delta Zinc,Total μg/L UCD PHASE II San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 31/Jan/2005 Zinc, Total 17.2 390 μg/L 0.1 Drain to North Canal at South Bonetti Rd. 26/Jan/2005 UCD PHASE II Zinc,Total 17.4 390 μg/L 0.1 San Joaquin Co Delta San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 16/Feb/2005 UCD PHASE II UCD PHASE II Zinc,Total 17.7 390 μg/L 0.1 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 27/Jan/2005 Zinc.Total 20.7 390 μg/L 0.1 UCD PHASE II 24.2 0.02 San Joaquin Co Delta Drain to North Canal at South Bonetti Rd. 21/Jul/2004 Zinc,Total μg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 15/Feb/2005 UCD PHASE II Arsenic, Total 1.26 μg/L 0.1 UCD PHASE II Drain to San Joaquin River off South Manthey Rd. 03/Feb/2005 Arsenic.Total 1.69 μg/L μg/L San Joaquin Co Delta 0.1 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 29/Jan/2005 UCD PHASE II Arsenic,Total 2.15 0.1 0.1 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 31/Jan/2005 UCD PHASE II Arsenic.Total 2 21 μg/L 2.53 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 27/Jan/2005 UCD PHASE II Arsenic, Total ua/L Drain to San Joaquin River off South Manthey Rd 16/Feb/2005 UCD PHASE II μg/L 0.1 San Joaquin Co Delta Arsenic, Total 2.86 μg/L μg/L 0.1 0.1 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 28/Jan/2005 UCD PHASE II Arsenic Total 3 04 Arsenic,Total San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 31/Aug/2004 UCD PHASE II 3.49 UCD PHASE II UCD PHASE II San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 26/Jan/2005 Arsenic, Total 3.57 μg/L 0.1 Drain to San Joaquin River off South Manthey Rd. San Joaquin Co Delta 17/Aug/2004 Arsenic.Total 3.69 μg/L 0.1 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 03/Aug/2004 UCD PHASE II Arsenic, Total 4.27 0.1 μg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. Drain to San Joaquin River off South Manthey Rd. 21/.lul/2004 UCD PHASE II Arsenic.Total 10.1 10 μg/L 0.1 UCD PHASE II San Joaquin Co Delta 31/Aug/2004 Boron, Total 38.4 mg/L 0.1 UCD PHASE II 0.2 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 16/Feb/2005 Boron, Total 127 mg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 27/Jan/2005 UCD PHASE II Boron, Total 139 mg/L 0.04 Drain to San Joaquin River off South Manthey Rd. UCD PHASE II 28/Jan/2005 0.04 San Joaquin Co Delta Boron, Total 148 mg/L Drain to San Joaquin River off South Manthey Rd 29/Jan/2005 UCD PHASE II Boron,Total 169 0.04 San Joaquin Co Delta mg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 31/Jan/2005 UCD PHASE II Boron.Total 214 mg/L 0.04 UCD PHASE II 0.2 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 15/Feb/2005 Boron, Total 302 mg/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 26/Jan/2005 Boron, Total 324 mg/L 0.04 Drain to San Joaquin River off South Manthev Rd 03/Feb/2005 San Joaquin Co Delta Boron.Total mg/L 0.04

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Name Sample Collected F Result Units Sample Site San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. UCD PHASE II 347 03/Aug/2004 Boron, Tota mg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 21/Jul/2004 LICD PHASE II Boron,Total 477 mg/L UCD PHASE II Drain to San Joaquin River off South Manthey Rd 17/Aug/2004 Boron.Total 516 San Joaquin Co Delta ma/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 03/Aug/2004 UCD PHASE II Cadmium,Total 0.02 μg/L 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 31/Aug/2004 UCD PHASE II Cadmium.Total 0.022 μg/L 0.01 UCD PHASE II 0.027 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 17/Aug/2004 Cadmium, Total µg/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 21/Jul/2004 Cadmium, Total 0.03 μg/L 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 27/Jan/2005 Cadmium.Total 0.04 μg/L 0.01 UCD PHASE II San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 15/Feb/2005 Cadmium, Total 0.04 µg/L 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 03/Feb/2005 UCD PHASE II Cadmium, Total 0.05 μg/L 0.01 UCD PHASE II Drain to San Joaquin River off South Manthey Rd. 31/Jan/2005 Cadmium.Total 0.06 0.01 San Joaquin Co Delta μg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 16/Feb/2005 UCD PHASE II Cadmium, Total 0.07 0.01 0.08 μq/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 26/Jan/2005 UCD PHASE II Cadmium.Total 0.09 0.07 μg/L 0.01 Drain to San Joaquin River off South Manthey Rd. UCD PHASE II San Joaquin Co Delta 29/Jan/2005 Cadmium.Total 0.1 0.01 µg/L Drain to San Joaquin River off South Manthey Rd. 28/Jan/2005 UCD PHASE II Cadmium, Total 0.12 0.07 μg/L 0.01 San Joaquin Co Delta μg/L μg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 03/Aug/2004 UCD PHASE II Copper, Total 2.25 16 16 0.003 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 31/Aug/2004 UCD PHASE II Copper,Total 2.96 0.01 18 20 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 17/Aug/2004 UCD PHASE II 3.26 0.01 Copper,Total μg/L UCD PHASE II Drain to San Joaquin River off South Manthey Rd. 15/Feb/2005 3.86 μg/L μg/L San Joaquin Co Delta Copper.Total 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 03/Feb/2005 UCD PHASE II Copper,Total 4.02 19 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 21/.lul/2004 LICD PHASE II Copper,Total 4.37 18.6 μg/L 0.003 UCD PHASE II Drain to San Joaquin River off South Manthey Rd. 27/Jan/2005 San Joaquin Co Delta Copper.Total 5.57 10 μg/L 0.01 UCD PHASE II 19 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 31/Jan/2005 Copper,Total 5.73 μg/L 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 16/Feb/2005 UCD PHASE II Copper,Total 9.24 12 17 μg/L 0.01 Drain to San Joaquin River off South Manthey Rd. UCD PHASE II 29/Jan/2005 10.3 0.01 San Joaquin Co Delta Copper.Total µg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 26/Jan/2005 UCD PHASE II 8.5 μg/L 0.01 Copper,Total UCD PHASE II 12 2.0 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 28/Jan/2005 Copper, Total 11.7 μg/L 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 17/Aug/2004 UCD PHASE II Lead.Total 0.128 0.01 µg/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 15/Feb/2005 Lead, Total 0.15 2.0 μg/L 0.01 2.0 2.0 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 03/Aug/2004 Lead.Total 0.26 μg/L 0.002 0.309 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 31/Aug/2004 UCD PHASE II Lead, Total 0.01 µq/L 0.37 2.0 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 03/Feb/2005 LICD PHASE II Lead.Total μg/L 0.01 UCD PHASE II Drain to San Joaquin River off South Manthey Rd. 21/Jul/2004 0.002 San Joaquin Co Delta Lead.Tota µg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 27/Jan/2005 UCD PHASE II Lead,Total 1.39 2.0 μg/L 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 31/Jan/2005 UCD PHASE II Lead, Total 1.61 2.0 μg/L 0.01 Drain to San Joaquin River off South Manthey Rd. 16/Feb/2005 UCD PHASE II 2.0 San Joaquin Co Delta Lead.Tota μg/L 0.01 3.13 UCD PHASE II 2.0 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 29/Jan/2005 Lead,Total μg/L 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 26/Jan/2005 UCD PHASE II Lead.Total 3.75 2.0 μg/L 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 28/Jan/2005 UCD PHASE II Lead.Total 4.38 0.01 ua/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 03/Aug/2004 UCD PHASE II Nickel.Total 1.52 μg/L 0.01 UCD PHASE II μg/L μg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 17/Aug/2004 Nickel.Total 2.33 0.01 Drain to San Joaquin River off South Manthey Rd UCD PHASE II 2.97 San Joaquin Co Delta 15/Feb/2005 Nickel, Tota 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 31/Aug/2004 LICD PHASE II Nickel Total 3 37 μg/L 0.01 03/Feb/2005 UCD PHASE II Drain to San Joaquin River off South Manthey Rd. 3.77 San Joaquin Co Delta Nickel.Total 0.01 µg/L Drain to San Joaquin River off South Manthey Rd. 21/Jul/2004 UCD PHASE II μg/L San Joaquin Co Delta Nickel, Tota 4.24 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 27/Jan/2005 UCD PHASE II Nickel Total 4 39 μg/L 0.01 Drain to San Joaquin River off South Manthey Rd. 31/Jan/2005 UCD PHASE II Nickel.Total 0.01 San Joaquin Co Delta 5.71 ua/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 16/Feb/2005 UCD PHASE II Nickel, Total μg/L 0.01 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 29/Jan/2005 UCD PHASE II Nickel.Total 10.5 μg/L 0.01 Drain to San Joaquin River off South Manthey Rd. 28/Jan/2005 UCD PHASE II Nickel, Total 0.01 San Joaquin Co Delta 12.4 ua/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 26/Jan/2005 UCD PHASE II Nickel.Total 12.5 μg/L 0.01 UCD PHASE II Drain to San Joaquin River off South Manthey Rd. San Joaquin Co Delta 29/Jan/2005 Selenium.Total 0.84 μg/L 0.1 UCD PHASE II 0.1 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 16/Feb/2005 Selenium, Total 0.94 µg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 27/Jan/2005 UCD PHASE II Selenium.Total 1.04 μg/L 0.1 UCD PHASE II Drain to San Joaquin River off South Manthey Rd. 26/Jan/2005 Selenium.Total San Joaquin Co Delta 1.1 μq/L 0.1 Drain to San Joaquin River off South Manthey Rd. UCD PHASE II 1.11 0.1 San Joaquin Co Delta 28/Jan/2005 Selenium, Total μg/L 1.33 1.53 μg/L μg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 03/Feb/2005 UCD PHASE II Selenium.Total 0.1 UCD PHASE II 0.1 Drain to San Joaquin River off South Manthey Rd. 15/Feb/2005 Selenium, Total San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 31/Aug/2004 UCD PHASE II 0.1 San Joaquin Co Delta Selenium, Total 1.72 μg/L UCD PHASE II San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 31/Jan/2005 Selenium.Total 1.72 μg/L 0.1 Drain to San Joaquin River off South Manthey Rd. 21/Jul/2004 UCD PHASE II Selenium, Total 2.14 0.1 San Joaquin Co Delta μg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 03/Aug/2004 UCD PHASE II UCD PHASE II Selenium, Total 2.32 μg/L 0.1 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 17/Aug/2004 Selenium.Total 2.39 μg/L 0.1 UCD PHASE II 0.02 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 03/Aug/2004 Zinc,Total 1.47 μg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 31/Aug/2004 UCD PHASE II Zinc,Total 2.96 μg/L 0.1 Drain to San Joaquin River off South Manthey Rd. UCD PHASE II 17/Aug/2004 3.86 μg/L μg/L San Joaquin Co Delta Zinc.Total 0.1 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 15/Feb/2005 UCD PHASE II Zinc,Total 3.94 0.1 5.9 6.5 μg/L μg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 21/.lul/2004 UCD PHASE II Zinc,Total 0.02 UCD PHASE II San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 03/Feb/2005 Zinc.Total 0.1 Drain to San Joaquin River off South Manthey Rd 31/Jan/2005 UCD PHASE II Zinc,Total 0.1 San Joaquin Co Delta 13.4 μg/L μg/L μg/L San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd 27/Jan/2005 UCD PHASE II Zinc.Total 14.6 132 0.1 27.4 149 0.1 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 16/Feb/2005 UCD PHASE II Zinc,Total UCD PHASE II UCD PHASE II San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 29/Jan/2005 Zinc,Total 30.5 223 μg/L 0.1 Drain to San Joaquin River off South Manthey Rd. 109 San Joaquin Co Delta 26/Jan/2005 Zinc.Total 32.1 μg/L 0.1 San Joaquin Co Delta Drain to San Joaquin River off South Manthey Rd. 28/Jan/2005 UCD PHASE II Zinc,Total 33.3 0.1 μg/L San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 14/Jul/2005 UCD PHASE II Arsenic, Total 5.72 μg/L 0.1 UCD PHASE II 28/Jul/2005 San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road Arsenic.Total 7.25 μq/L 0.1 UCD PHASE II San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 14/Jul/2005 Boron, Total 0.231 mg/L 0.0002 San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 28/Jul/2005 UCD PHASE II Boron, Total 0.303 mg/L 0.0002 UCD PHASE II Mid Roberts Island Drain at Woodsbro Road 28/Jul/2005 Cadmium, Tota San Joaquin Co Delta 0.07 0.07 μq/L 0.01 Mid Roberts Island Drain at Woodsbro Road 14/Jul/2005 UCD PHASE II Cadmium,Total 0.07 0.01 San Joaquin Co Delta μg/L Copper,Total Copper,Total μg/L μg/L San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 28/Jul/2005 UCD PHASE II 6.82 18 18 0.01 14/Jul/2005 UCD PHASE II San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 10.7 0.01 UCD PHASE II UCD PHASE II San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 28/Jul/2005 Lead, Total 1.17 2.0 μg/L 0.01 14/Jul/2005 San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road Lead.Total 2.89 0.01

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program Detection Limit Water Quality Goal Coalition Area Date Name Sample Collected E Method Result Units Sample Site San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 28/Jul/2005 UCD PHASE II 6.37 0.01 Nickel, Total μg/l San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 14/Jul/2005 LICD PHASE II Nickel, Total 10.2 μg/L 0.01 UCD PHASE II 28/Jul/2005 3.83 Mid Roberts Island Drain at Woodsbro Road Selenium.Total μg/L μg/L San Joaquin Co Delta 0.1 San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 14/Jul/2005 UCD PHASE II Selenium, Total 5.16 0.1 5 San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 28/Jul/2005 UCD PHASE II Zinc,Total Zinc,Total 7.11 μg/L μg/L 0.1 0.1 San Joaquin Co Delta Mid Roberts Island Drain at Woodsbro Road 14/Jul/2005 UCD PHASE II 15.3 232 UCD PHASE II UCD PHASE II San Joaquin Co Delta Mormon Slough on Jack Tone Rd 08/Sep/2004 Arsenic,Total 0.784 μg/L 0.1 San Joaquin Co Delta Mormon Slough on Jack Tone Rd 25/Aug/2004 Arsenic.Total 0.827 μg/L 0.1 UCD PHASE II Arsenic, Total 0.1 San Joaquin Co Delta Mormon Slough on Jack Tone Rd 11/Aug/2004 0.911 µg/L 28/Jul/2004 14/Jul/2004 San Joaquin Co Delta Mormon Slough on Jack Tone Rd UCD PHASE II Arsenic, Total 1.05 μg/L 0.1 UCD PHASE II Mormon Slough on Jack Tone Rd San Joaquin Co Delta 1.2 μg/L mg/L 0.1 Arsenic.Total 14/Jul/2004 UCD PHASE II San Joaquin Co Delta Mormon Slough on Jack Tone Rd Boron, Total 18.1 San Joaquin Co Delta Mormon Slough on Jack Tone Rd 25/Aug/2004 28/Jul/2004 UCD PHASE II Boron, Total 20.7 mg/L 0.1 UCD PHASE II Mormon Slough on Jack Tone Rd San Joaquin Co Delta Boron.Total ma/L San Joaquin Co Delta Mormon Slough on Jack Tone Rd 08/Sep/2004 UCD PHASE II Boron, Total 22.4 mg/L 0.1 Mormon Slough on Jack Tone Rd Mormon Slough on Jack Tone Rd 11/Aug/2004 14/Jul/2004 UCD PHASE II mg/L μg/L San Joaquin Co Delta Boron, Total 36.1 San Joaquin Co Delta UCD PHASE II Cadmium, Total 0.01 0.01 San Joaquin Co Delta Mormon Slough on Jack Tone Rd 28/Jul/2004 UCD PHASE II Cadmium, Total 0.01 0.01 μg/L UCD PHASE II Mormon Slough on Jack Tone Rd 08/Sep/2004 μg/L μg/L 0.01 San Joaquin Co Delta Copper.Total 1.43 San Joaquin Co Delta Mormon Slough on Jack Tone Rd 25/Aug/2004 UCD PHASE II Copper,Total 1.59 7.7 0.01 11/Aug/2004 28/Jul/2004 Copper,Total 2.09 8 7.9 San Joaquin Co Delta Mormon Slough on Jack Tone Rd LICD PHASE II μg/L 0.01 UCD PHASE II 0.003 San Joaquin Co Delta Mormon Slough on Jack Tone Rd Copper.Total μg/L μg/L Mormon Slough on Jack Tone Rd 14/Jul/2004 UCD PHASE II 8 San Joaquin Co Delta Copper,Total 2.98 0.003 2.0 San Joaquin Co Delta Mormon Slough on Jack Tone Rd 08/Sep/2004 UCD PHASE II Lead.Total 0.186 μg/L 0.01 Mormon Slough on Jack Tone Rd 11/Aug/2004 UCD PHASE II 0.305 0.01 San Joaquin Co Delta μg/L μg/L Lead.Total San Joaquin Co Delta Mormon Slough on Jack Tone Rd 25/Aug/2004 UCD PHASE II Lead, Total 0.31 2.0 0.01 UCD PHASE II San Joaquin Co Delta Mormon Slough on Jack Tone Rd 28/Jul/2004 Lead.Total 0.47 2.0 μg/L 0.002 San Joaquin Co Delta Mormon Slough on Jack Tone Rd 14/Jul/2004 UCD PHASE II Lead.Total 0.52 μg/L 0.002 UCD PHASE II UCD PHASE II San Joaquin Co Delta Mormon Slough on Jack Tone Rd 08/Sep/2004 Nickel, Total 1.16 μg/L 0.01 Mormon Slough on Jack Tone Rd Mormon Slough on Jack Tone Rd μg/L μg/L San Joaquin Co Delta 25/Aug/2004 Nickel.Total 1.33 0.01 UCD PHASE II 1.39 0.01 San Joaquin Co Delta 11/Aug/2004 Nickel, Total Mormon Slough on Jack Tone Rd Mormon Slough on Jack Tone Rd 28/Jul/2004 14/Jul/2004 1.55 1.66 San Joaquin Co Delta LICD PHASE II Nickel, Total μg/L 0.01 UCD PHASE II μg/L San Joaquin Co Delta Nickel.Total 0.01 San Joaquin Co Delta Mormon Slough on Jack Tone Rd 14/Jul/2004 UCD PHASE II Selenium, Total 0.26 μg/L 0.1 San Joaquin Co Delta Mormon Slough on Jack Tone Rd 28/Jul/2004 UCD PHASE II Selenium, Total 0.26 μg/L 0.1 Mormon Slough on Jack Tone Rd 08/Sep/2004 UCD PHASE II Selenium,Total 0.294 0.1 San Joaquin Co Delta μg/L Mormon Slough on Jack Tone Rd 25/Aug/2004 UCD PHASE II μg/L 0.1 San Joaquin Co Delta Selenium, Total 0.322 UCD PHASE II San Joaquin Co Delta Mormon Slough on Jack Tone Rd 11/Aug/2004 Selenium.Total 0.526 μg/L 0.1 Mormon Slough on Jack Tone Rd 08/Sep/2004 UCD PHASE II 0.621 San Joaquin Co Delta Zinc,Total 0.1 ua/L San Joaquin Co Delta Mormon Slough on Jack Tone Rd 25/Aug/2004 UCD PHASE II Zinc,Total 1.08 μg/L 0.1 UCD PHASE II 11/Aug/2004 14/Jul/2004 Zinc,Total Zinc,Total μg/L μg/L San Joaquin Co Delta Mormon Slough on Jack Tone Rd 1.39 0.1 San Joaquin Co Delta Mormon Slough on Jack Tone Rd UCD PHASE II 0.02 2.43 San Joaquin Co Delta Mormon Slough on Jack Tone Rd 28/Jul/2004 15/Jun/2005 LICD PHASE II Zinc,Total 2 71 μg/L 0.02 UCD PHASE II 4.55 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. Arsenic.Total 0.1 μg/L Paddy Creek at Jack Tone Rd. 27/Jul/2005 UCD PHASE II Arsenic, Total μg/L 0.1 San Joaquin Co Delta 4.86 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 29/Jun/2005 LICD PHASE II Arsenic.Total 5.12 μg/L 0.1 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 13/Jul/2005 UCD PHASE II Arsenic, Total 5.37 μg/L 0.1 UCD PHASE II UCD PHASE II San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 13/Jul/2005 Boron, Total 0.0395 mg/L 0.0002 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 27/Jul/2005 Boron.Total 0.0403 mg/L 0.0002 UCD PHASE II San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 29/Jun/2005 Boron, Total 0.0437 0.0002 ma/L San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 15/Jun/2005 UCD PHASE II Boron, Total 0.0628 mg/L 0.0002 UCD PHASE II 27/Jul/2005 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. Cadmium.Total 0.01 μg/L 0.01 15/Jun/2005 UCD PHASE II 0.04 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. Cadmium, Total 0.01 μg/L Paddy Creek at Jack Tone Rd. 13/Jul/2005 27/Jul/2005 8.6 8.6 10.7 San Joaquin Co Delta UCD PHASE II Copper, Total 1.15 μg/L 0.01 UCD PHASE II μg/L μg/L 0.01 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. Copper.Total 1.52 Paddy Creek at Jack Tone Rd. 29/Jun/2005 UCD PHASE II 1.61 0.01 San Joaquin Co Delta Copper, Total Paddy Creek at Jack Tone Rd. Paddy Creek at Jack Tone Rd. Copper,Total Lead,Total 7.9 2.0 μg/L μg/L San Joaquin Co Delta 15/Jun/2005 LICD PHASE II 5.26 0.01 13/Jul/2005 UCD PHASE II 0.48 San Joaquin Co Delta 0.01 UCD PHASE II UCD PHASE II Paddy Creek at Jack Tone Rd. 29/Jun/2005 0.52 2.0 0.01 San Joaquin Co Delta Lead, Total μg/L 2.0 μg/L μg/L San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 27/Jul/2005 Lead.Total 0.58 0.01 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 15/Jun/2005 UCD PHASE II Lead, Total 1.4 0.01 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 13/Jul/2005 UCD PHASE II UCD PHASE II Nickel, Total 1.65 μg/L 0.01 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 27/Jul/2005 Nickel.Total 1.69 μg/L μg/L 0.01 UCD PHASE II San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 29/Jun/2005 Nickel, Total 2.1 0.01 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 15/Jun/2005 LICD PHASE II Nickel.Total 2.74 μg/L 0.01 UCD PHASE II 29/Jun/2005 Paddy Creek at Jack Tone Rd. Selenium.Total 0.46 μg/L μg/L San Joaquin Co Delta 0.1 San Joaquin Co Delta Paddy Creek at Jack Tone Rd 13/Jul/2005 UCD PHASE II Selenium,Total 1.03 0.1 1.09 1.48 μg/L μg/L 0.1 0.1 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 15/Jun/2005 LICD PHASE II Selenium.Total 27/Jul/2005 UCD PHASE II San Joaquin Co Delta Paddy Creek at Jack Tone Rd. Selenium, Total San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 13/Jul/2005 UCD PHASE II Zinc,Total 1.39 μg/L 0.1 LICD PHASE II μg/L μg/L 0.1 0.1 San Joaquin Co Delta Paddy Creek at Jack Tone Rd 29/Jun/2005 Zinc.Total 2 46 27/Jul/2005 UCD PHASE II Zinc,Total 2.56 San Joaquin Co Delta Paddy Creek at Jack Tone Rd. UCD PHASE II UCD PHASE II San Joaquin Co Delta Paddy Creek at Jack Tone Rd. 15/Jun/2005 Zinc,Total 12.1 μg/L 0.1 Pixley Slough at Eightmile Rd 14/Jul/2005 0.1 San Joaquin Co Delta Arsenic.Total 0.45 μg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 16/Jun/2005 UCD PHASE II Arsenic, Total 0.46 μg/L 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 30/Jun/2005 UCD PHASE II Arsenic.Total 0.49 μg/L 0.1 UCD PHASE II 08/Sep/2004 0.763 San Joaquin Co Delta Arsenic.Total μq/L 0.1 14/Jul/2004 UCD PHASE II 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd Arsenic, Total 0.89 μg/L 25/Aug/2004 28/Jul/2005 San Joaquin Co Delta Pixley Slough at Eightmile Rd UCD PHASE II Arsenic.Total 0.929 μg/L 0.1 UCD PHASE II Pixley Slough at Eightmile Rd Arsenic, Total San Joaquin Co Delta 1.03 μq/L 0.1 Pixley Slough at Eightmile Rd 28/Jul/2004 UCD PHASE II 1.08 μg/L 0.1 San Joaquin Co Delta Arsenic, Total Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd LICD PHASE II μg/L μg/L San Joaquin Co Delta 29/Jan/2005 Arsenic Total 1 09 0.1 UCD PHASE II 1.09 0.1 San Joaquin Co Delta 30/Jan/2005 Arsenic, Total UCD PHASE II UCD PHASE II 1.18 San Joaquin Co Delta Pixley Slough at Eightmile Rd 30/Jan/2005 Arsenic, Total μg/L 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 27/Jan/2005 Arsenic.Total 1.23 0.1

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program Detection Limit Water Quality Goal Coalition Area Date Name Sample Collected F Result Method Units Sample Site San Joaquin Co Delta 03/Feb/2005 UCD PHASE II 1.25 Pixley Slough at Eightmile Rd Arsenic.Total μg/l 0.1 LICD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 15/Feb/2005 Arsenic, Total 1.27 μg/L 0.1 UCD PHASE II 29/Jan/2005 1.28 μg/L μg/L 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd Arsenic.Total San Joaquin Co Delta Pixley Slough at Eightmile Rd 11/Aug/2004 UCD PHASE II Arsenic, Total 1.29 0.1 San Joaquin Co Delta San Joaquin Co Delta Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 27/Jan/2005 UCD PHASE II Arsenic.Total 1.38 1.59 μg/L μg/L 0.1 0.1 01/Feb/2005 UCD PHASE II Arsenic,Total UCD PHASE II UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 16/Feb/2005 Arsenic, Total 1.63 μg/L 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 15/Feb/2005 Arsenic.Total 1.79 μg/L 0.1 28/Jan/2005 UCD PHASE II Arsenic, Total 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 1.82 µg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jan/2005 UCD PHASE II Arsenic, Total 1.82 μg/L 0.1 UCD PHASE II Pixley Slough at Eightmile Rd 16/Feb/2005 San Joaquin Co Delta 2.2 μg/L mg/L Arsenic.Total 0.1 UCD PHASE II 0.0094 San Joaquin Co Delta Pixley Slough at Eightmile Rd 14/Jul/2005 Boron, Total 0.0002 San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jul/2005 UCD PHASE II Boron, Total 0.0114 mg/L 0.0002 16/Jun/2005 UCD PHASE II Pixley Slough at Eightmile Rd 0.0002 San Joaquin Co Delta Boron.Total mg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 30/Jun/2005 UCD PHASE II Boron, Total 0.0138 mg/L 0.0002 Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd UCD PHASE II mg/L mg/L San Joaquin Co Delta 14/Jul/2004 Boron, Total 6.92 San Joaquin Co Delta 28/Jul/2004 UCD PHASE II Boron, Total 12 San Joaquin Co Delta Pixley Slough at Eightmile Rd 08/Sep/2004 UCD PHASE II Boron, Total 12.6 mg/L 0.1 UCD PHASE II Pixley Slough at Eightmile Rd 25/Aug/2004 San Joaquin Co Delta Boron.Total 14 mg/L 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 11/Aug/2004 UCD PHASE II Boron, Total 22.1 mg/L Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 29/Jan/2005 16/Feb/2005 San Joaquin Co Delta LICD PHASE II Boron, Total 33.4 mg/L 0.04 UCD PHASE II San Joaquin Co Delta Boron.Total 34.7 mg/L 0.2 San Joaquin Co Delta Pixley Slough at Eightmile Rd UCD PHASE II 0.04 28/Jan/2005 Boron, Total 36.3 mg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 30/Jan/2005 UCD PHASE II Boron.Total 53 mg/L 0.04 Pixley Slough at Eightmile Rd 30/Jan/2005 UCD PHASE II 55.9 San Joaquin Co Delta 0.04 Boron.Total ma/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 29/Jan/2005 UCD PHASE II Boron, Total 60.8 mg/L 0.04 UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 01/Feb/2005 Boron, Total 66.1 mg/L 0.04 San Joaquin Co Delta Pixley Slough at Eightmile Rd 16/Feb/2005 UCD PHASE II Boron.Total 86.2 0.2 ma/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 27/Jan/2005 Boron, Total 129 mg/L 0.04 Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd San Joaquin Co Delta 27/Jan/2005 Boron.Total 141 mg/L 0.04 UCD PHASE II 162 San Joaquin Co Delta 03/Feb/2005 Boron, Total 0.04 mg/L 202 423 San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jan/2005 LICD PHASE II Boron, Total mg/L 0.04 UCD PHASE II Pixley Slough at Eightmile Rd 15/Feb/2005 San Joaquin Co Delta Boron.Total 0.2 mg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 15/Feb/2005 UCD PHASE II Boron,Total 456 mg/L 0.2 San Joaquin Co Delta Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 16/Jun/2005 UCD PHASE II Cadmium, Total 0.02 μg/L 0.01 30/Jun/2005 UCD PHASE II Cadmium, Total 0.02 San Joaquin Co Delta μg/L 0.01 UCD PHASE II UCD PHASE II Pixley Slough at Eightmile Rd 14/Jul/2005 Cadmium, Total San Joaquin Co Delta 0.02 μg/L 0.01 Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd San Joaquin Co Delta 28/Jul/2005 Cadmium.Total 0.02 μg/L 0.01 UCD PHASE II San Joaquin Co Delta 08/Sep/2004 Cadmium, Total 0.024 0.01 ua/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 25/Aug/2004 UCD PHASE II Cadmium, Total 0.027 μg/L 0.01 UCD PHASE II Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd μg/L μg/L San Joaquin Co Delta 14/Jul/2004 Cadmium.Total 0.03 0.01 San Joaquin Co Delta 28/Jul/2004 UCD PHASE II Cadmium,Total 0.03 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 03/Feb/2005 15/Feb/2005 LICD PHASE II Cadmium, Total 0.03 μg/L 0.01 UCD PHASE II 0.03 San Joaquin Co Delta Cadmium.Total μg/L μg/L 0.01 Pixley Slough at Eightmile Rd UCD PHASE II San Joaquin Co Delta 30/Jan/2005 Cadmium, Total 0.04 0.01 Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd San Joaquin Co Delta 30/Jan/2005 UCD PHASE II Cadmium, Total 0.04 μg/L 0.01 San Joaquin Co Delta 01/Feb/2005 UCD PHASE II Cadmium,Total 0.04 0.01 ua/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 11/Aug/2004 Cadmium, Total 0.048 μg/L 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 27/Jan/2005 Cadmium.Total 0.05 μg/L 0.01 UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 27/Jan/2005 0.05 0.01 Cadmium.Total ua/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 29/Jan/2005 UCD PHASE II Cadmium, Total 0.05 μg/L 0.01 UCD PHASE II Pixley Slough at Eightmile Rd 0.07 San Joaquin Co Delta 28/Jan/2005 Cadmium.Total 0.07 μg/L 0.01 UCD PHASE II 0.07 0.07 San Joaquin Co Delta Pixley Slough at Eightmile Rd 29/Jan/2005 Cadmium, Total 0.01 µg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 16/Feb/2005 UCD PHASE II Cadmium.Total 0.07 0.07 μg/L 0.01 16/Feb/2005 UCD PHASE II Pixley Slough at Eightmile Rd Cadmium.Total 0.07 0.01 San Joaquin Co Delta 0.07 µq/L San Joaquin Co Delta Pixley Slough at Eightmile Rd UCD PHASE II 0.11 0.07 0.01 28/Jan/2005 Cadmium, Total μg/L Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 0.11 1.99 0.07 1.7 μg/L μg/L San Joaquin Co Delta 15/Feb/2005 UCD PHASE II Cadmium.Total 0.01 UCD PHASE II San Joaquin Co Delta 16/Jun/2005 Copper, Total 0.01 UCD PHASE II UCD PHASE II 2.3 2.6 2.8 Pixley Slough at Eightmile Rd 14/Jul/2005 2.22 0.01 San Joaquin Co Delta Copper,Total μg/L μg/L μg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 30/Jun/2005 Copper,Total 2.24 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 25/Aug/2004 UCD PHASE II 2.47 0.01 Copper, Total San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jul/2005 UCD PHASE II UCD PHASE II Copper,Total 2.49 3.5 μg/L 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 08/Sep/2004 Copper, Total 2.56 4.4 μg/L μg/L 0.01 Pixley Slough at Eightmile Rd 14/Jul/2004 UCD PHASE II 2.9 San Joaquin Co Delta Copper,Total 2.73 0.003 3.1 7.6 3.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jul/2004 UCD PHASE II Copper,Total 3.09 μg/L 0.003 UCD PHASE II Pixley Slough at Eightmile Rd 03/Feb/2005 3.96 μg/L μg/L 0.01 San Joaquin Co Delta Copper, Total San Joaquin Co Delta Pixley Slough at Eightmile Rd 11/Aug/2004 UCD PHASE II 0.01 Copper, Total Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 5.3 9.5 μg/L μg/L San Joaquin Co Delta 30/Jan/2005 UCD PHASE II Copper,Total 4 26 0.01 UCD PHASE II San Joaquin Co Delta 01/Feb/2005 Copper.Total 4.33 0.01 3.2 7 3.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 29/Jan/2005 UCD PHASE II 4.42 μg/L 0.01 Copper,Total Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd LICD PHASE II μg/L μg/L San Joaquin Co Delta 15/Feb/2005 Copper,Total 4.44 0.01 UCD PHASE II 4.46 San Joaquin Co Delta 27/Jan/2005 0.01 Copper, Total San Joaquin Co Delta 6.2 2.3 2.7 UCD PHASE II UCD PHASE II Pixley Slough at Eightmile Rd 30/Jan/2005 Copper,Total 4.52 μg/L 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jan/2005 Copper, Total 5.09 μg/L 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 27/Jan/2005 UCD PHASE II Copper,Total 5.22 μg/L 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 29/Jan/2005 UCD PHASE II Copper,Total 5.6 4.8 μg/L 0.01 UCD PHASE II 16/Feb/2005 2.6 San Joaquin Co Delta Copper, Total 5.6 μq/L 0.01 UCD PHASE II 6.05 2.9 San Joaquin Co Delta Pixley Slough at Eightmile Rd 16/Feb/2005 Copper,Total μg/L 0.01 4.6 6.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jan/2005 UCD PHASE II Copper,Total 8.8 μg/L 0.01 UCD PHASE II Pixley Slough at Eightmile Rd 15/Feb/2005 μg/L 0.01 San Joaquin Co Delta Copper, Total 10.6 Pixley Slough at Eightmile Rd 16/Jun/2005 UCD PHASE II 0.26 μg/L 0.01 San Joaquin Co Delta Lead, Total Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd LICD PHASE II μg/L μg/L San Joaquin Co Delta 30/Jun/2005 Lead Total 1 29 0.46 0.01 14/Jul/2005 UCD PHASE II 1.35 0.47 San Joaquin Co Delta Lead, Total 0.01 UCD PHASE II UCD PHASE II 1.5 1.63 San Joaquin Co Delta Pixley Slough at Eightmile Rd 14/Jul/2004 Lead, Total 0.56 μg/L 0.002 Pixley Slough at Eightmile Rd 28/Jul/2005 San Joaquin Co Delta Lead.Total 0.75 0.01

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program Detection Limit Water Quality Goal Coalition Area Date Name Sample Collected E Method Result Units Sample Site San Joaquin Co Delta 25/Aug/2004 UCD PHASE II 0.53 0.01 Pixley Slough at Eightmile Rd Lead,Tota 1.82 μg/l LICD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 29/Jan/2005 Lead, Total 1.86 0.66 μg/L 0.01 UCD PHASE II 1.87 Pixley Slough at Eightmile Rd 08/Sep/2004 Lead.Total 1.0 μg/L μg/L 0.01 San Joaquin Co Delta San Joaquin Co Delta Pixley Slough at Eightmile Rd 01/Feb/2005 UCD PHASE II Lead, Total 1.92 2.0 0.01 San Joaquin Co Delta San Joaquin Co Delta Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 28/Jul/2004 UCD PHASE II Lead.Total 1.93 1.95 0.62 1.4 μg/L μg/L 0.002 30/Jan/2005 UCD PHASE II Lead, Total 0.01 UCD PHASE II UCD PHASE II 1.98 1.8 San Joaquin Co Delta Pixley Slough at Eightmile Rd 30/Jan/2005 Lead, Total μg/L 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 15/Feb/2005 Lead.Tota μg/L 0.01 03/Feb/2005 UCD PHASE II 2.0 San Joaquin Co Delta Pixley Slough at Eightmile Rd Lead, Total 2.1 μg/L 0.01 0.62 San Joaquin Co Delta Pixley Slough at Eightmile Rd 27/Jan/2005 UCD PHASE II Lead, Total 2.2 μg/L 0.01 UCD PHASE II 2.22 0.01 Pixley Slough at Eightmile Rd San Joaquin Co Delta 27/Jan/2005 Lead.Tota μg/L UCD PHASE II 0.63 San Joaquin Co Delta Pixley Slough at Eightmile Rd 11/Aug/2004 Lead, Total 2.39 μg/L 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 29/Jan/2005 UCD PHASE II Lead, Total 2.39 1.18 μg/L 0.01 UCD PHASE II Pixley Slough at Eightmile Rd 16/Feb/2005 0.01 San Joaquin Co Delta Lead.Tota 2.66 μg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 16/Feb/2005 UCD PHASE II Lead, Total 3.13 0.54 μg/L 0.01 Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd UCD PHASE II 0.39 1.7 μg/L μg/L San Joaquin Co Delta 28/Jan/2005 Lead, Total 3.67 0.01 San Joaquin Co Delta 15/Feb/2005 UCD PHASE II Lead,Total 4.1 0.01 UCD PHASE II UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jan/2005 Lead, Total 4.85 1.09 0.01 μg/L Pixley Slough at Eightmile Rd 0.49 16/Jun/2005 μg/L μg/L San Joaquin Co Delta Nickel.Total 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 14/Jul/2005 UCD PHASE II Nickel, Total 0.49 0.01 Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 27/Jan/2005 30/Jun/2005 0.5 0.52 San Joaquin Co Delta LICD PHASE II Nickel, Total μg/L 0.01 UCD PHASE II San Joaquin Co Delta Nickel.Total μg/L μg/L 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd UCD PHASE II Nickel, Total 08/Sep/2004 0.639 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 14/Jul/2004 UCD PHASE II Nickel.Total 0.64 μg/L 0.01 Pixley Slough at Eightmile Rd 28/Jul/2005 UCD PHASE II Nickel, Total 0.78 0.01 San Joaquin Co Delta μg/L μg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 25/Aug/2004 UCD PHASE II Nickel, Total 0.794 0.01 UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jul/2004 Nickel.Total 0.92 μg/L 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 29/Jan/2005 UCD PHASE II Nickel, Total 1.02 0.01 µg/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 30/Jan/2005 Nickel, Total 1.16 μg/L 0.01 Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd μg/L μg/L San Joaquin Co Delta 11/Aug/2004 Nickel.Total 1.24 0.01 UCD PHASE II 1.26 0.01 San Joaquin Co Delta 30/Jan/2005 Nickel, Total Nickel,Total Nickel,Total 1.34 San Joaquin Co Delta Pixley Slough at Eightmile Rd 29/Jan/2005 LICD PHASE II μg/L 0.01 UCD PHASE II Pixley Slough at Eightmile Rd 16/Feb/2005 μg/L San Joaquin Co Delta 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd 15/Feb/2005 UCD PHASE II Nickel, Total 1.49 μg/L 0.01 San Joaquin Co Delta Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 28/Jan/2005 UCD PHASE II Nickel, Total 1.52 μg/L 0.01 03/Feb/2005 UCD PHASE II Nickel, Total 1.53 0.01 San Joaquin Co Delta μg/L UCD PHASE II UCD PHASE II Pixley Slough at Eightmile Rd San Joaquin Co Delta 27/Jan/2005 Nickel, Total 1.62 μg/L 0.01 Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 1.62 1.71 San Joaquin Co Delta 16/Feb/2005 Nickel.Total μg/L 0.01 UCD PHASE II San Joaquin Co Delta 01/Feb/2005 Nickel, Total 0.01 ua/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jan/2005 UCD PHASE II Nickel, Total 2.36 μg/L 0.01 UCD PHASE II Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd μg/L μg/L San Joaquin Co Delta 15/Feb/2005 Nickel.Total 2.85 0.01 08/Sep/2004 San Joaquin Co Delta UCD PHASE II Selenium,Total 0.148 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 25/Aug/2004 15/Feb/2005 LICD PHASE II Selenium, Total 0.154 μg/L 0.1 UCD PHASE II Selenium, Total 0.16 San Joaquin Co Delta μg/L μg/L 0.1 Pixley Slough at Eightmile Rd 16/Feb/2005 UCD PHASE II 0.17 0.1 San Joaquin Co Delta Selenium, Total Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 0.1 San Joaquin Co Delta 14/Jul/2004 UCD PHASE II Selenium,Total 0.18 μg/L San Joaquin Co Delta 30/Jan/2005 UCD PHASE II Selenium, Total 0.19 μg/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 03/Feb/2005 Selenium, Total 0.2 μg/L 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 16/Feb/2005 Selenium.Total 0.21 μg/L 0.1 UCD PHASE II 0.24 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 27/Jan/2005 Selenium, Total ua/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 29/Jan/2005 Selenium, Total 0.28 μg/L 0.1 Pixley Slough at Eightmile Rd 01/Feb/2005 San Joaquin Co Delta Selenium.Total 0.28 μg/L 0.1 UCD PHASE II 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 15/Feb/2005 Selenium, Total 0.28 µg/L 30/Jun/2005 San Joaquin Co Delta Pixley Slough at Eightmile Rd UCD PHASE II Selenium.Total 0.31 μg/L 0.1 UCD PHASE II Pixley Slough at Eightmile Rd 29/Jan/2005 Selenium.Total 0.1 0.1 San Joaquin Co Delta 0.41 μq/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 14/Jul/2005 UCD PHASE II 0.41 μg/L Selenium, Total Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd μg/L μg/L 0.1 San Joaquin Co Delta 16/Jun/2005 UCD PHASE II Selenium.Total 0.45 28/Jan/2005 UCD PHASE II Selenium,Total San Joaquin Co Delta 0.46 UCD PHASE II UCD PHASE II Pixley Slough at Eightmile Rd 28/Jan/2005 Selenium, Total 0.1 San Joaquin Co Delta 0.57 μg/L μg/L μg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 30/Jan/2005 Selenium.Total 0.59 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 27/Jan/2005 UCD PHASE II Selenium, Total 0.81 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 11/Aug/2004 UCD PHASE II UCD PHASE II Selenium, Total 1.06 μg/L 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 16/Jun/2005 Zinc.Total 7.17 μg/L μg/L 0.1 Pixley Slough at Eightmile Rd 14/Jul/2004 UCD PHASE II Zinc,Total 0.02 San Joaquin Co Delta 7.69 14/Jul/2005 28/Jul/2005 San Joaquin Co Delta Pixley Slough at Eightmile Rd UCD PHASE II Zinc,Total 8.02 μg/L 0.1 UCD PHASE II Pixley Slough at Eightmile Rd μg/L μg/L San Joaquin Co Delta Zinc.Total 8.37 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 25/Aug/2004 UCD PHASE II Zinc,Total 8.44 0.1 Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd Zinc,Total Zinc,Total μg/L μg/L San Joaquin Co Delta 30/Jun/2005 UCD PHASE II 8 75 0.1 UCD PHASE II 0.1 San Joaquin Co Delta 08/Sep/2004 9.24 San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jul/2004 UCD PHASE II Zinc,Total 9.7 μg/L 0.02 Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd LICD PHASE II 14.4 18 μg/L μg/L 0.1 0.1 San Joaquin Co Delta 11/Aug/2004 Zinc,Total 03/Feb/2005 UCD PHASE II Zinc,Total San Joaquin Co Delta San Joaquin Co Delta 30 69 122 UCD PHASE II UCD PHASE II Pixley Slough at Eightmile Rd 15/Feb/2005 Zinc,Total 18.4 μg/L 0.1 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd 30/Jan/2005 Zinc.Total 27 μg/L San Joaquin Co Delta Pixley Slough at Eightmile Rd 01/Feb/2005 UCD PHASE II Zinc,Total 28.6 μg/L 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd 30/Jan/2005 UCD PHASE II Zinc,Total 35.1 80 42 40 36 30 33 37 62 μg/L 0.1 UCD PHASE II 29/Jan/2005 37.1 San Joaquin Co Delta Zinc.Total μg/L 0.1 Pixley Slough at Eightmile Rd UCD PHASE II 37.7 0.1 San Joaquin Co Delta 27/Jan/2005 Zinc,Total μg/L Zinc,Total Zinc,Total 38.6 40.7 San Joaquin Co Delta Pixley Slough at Eightmile Rd 27/Jan/2005 UCD PHASE II μg/L 0.1 Pixley Slough at Eightmile Rd UCD PHASE II 28/Jan/2005 μg/L San Joaquin Co Delta 0.1 Pixley Slough at Eightmile Rd 16/Feb/2005 UCD PHASE II Zinc,Total 41.9 μg/L 0.1 San Joaquin Co Delta Pixley Slough at Eightmile Rd Pixley Slough at Eightmile Rd LICD PHASE II Zinc,Total Zinc,Total μg/L μg/L San Joaquin Co Delta 16/Feb/2005 43.7 0.1 47.4 UCD PHASE II 0.1 San Joaquin Co Delta 29/Jan/2005 UCD PHASE II UCD PHASE II San Joaquin Co Delta Pixley Slough at Eightmile Rd 28/Jan/2005 Zinc,Total 53.7 59 μg/L 0.1 Pixley Slough at Eightmile Rd 15/Feb/2005

Zinc, Total

59.6

0.1

San Joaquin Co Delta

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program Detection Limit ater Quality Goal Coalition Area Date Name Sample Collected E Result Method Units Sample Site San Joaquin Co Delta 16/Jun/2005 UCD PHASE II 0.36 Pixley Slough at Ham Ln Arsenic.Total μg/l 0.1 San Joaquin Co Delta Pixley Slough at Ham Ln 14/Jul/2005 LICD PHASE II Arsenic, Total 0.39 μg/L 0.1 30/Jun/2005 UCD PHASE II 0.45 μg/L μg/L San Joaquin Co Delta Pixlev Slough at Ham Ln Arsenic.Total 0.1 San Joaquin Co Delta Pixley Slough at Ham Ln 28/Jul/2005 UCD PHASE II Arsenic, Total 1.04 0.1 San Joaquin Co Delta Pixley Slough at Ham Ln Pixley Slough at Ham Ln 14/Jul/2005 UCD PHASE II Boron, Total 0.0092 mg/L mg/L 0.0002 28/Jul/2005 UCD PHASE II 0.0105 0.0002 San Joaquin Co Delta Boron,Total UCD PHASE II UCD PHASE II San Joaquin Co Delta Pixley Slough at Ham Ln 16/Jun/2005 Boron, Total 0.0115 mg/L 0.0002 San Joaquin Co Delta Pixlev Slough at Ham Ln 30/Jun/2005 Boron.Total 0.0142 mg/L 0.0002 Pixley Slough at Ham Ln UCD PHASE II San Joaquin Co Delta 16/Jun/2005 Cadmium, Total 0.02 μg/L 0.01 30/Jun/2005 14/Jul/2005 0.01 San Joaquin Co Delta Pixley Slough at Ham Ln UCD PHASE II Cadmium, Total 0.02 μg/L UCD PHASE II Pixley Slough at Ham Ln Cadmium.Total 0.02 San Joaquin Co Delta μg/L 28/Jul/2005 UCD PHASE II San Joaquin Co Delta Pixley Slough at Ham Ln Cadmium, Total 0.02 μg/L 0.01 San Joaquin Co Delta Pixley Slough at Ham Ln 14/Jul/2005 UCD PHASE II Copper,Total 1.42 19 μg/L 0.01 UCD PHASE II 16/Jun/2005 0.01 San Joaquin Co Delta Pixley Slough at Ham Ln Copper.Total µg/L San Joaquin Co Delta Pixley Slough at Ham Ln 28/Jul/2005 UCD PHASE II 1.66 3.6 μg/L 0.01 Copper, Total Pixley Slough at Ham Ln Pixley Slough at Ham Ln UCD PHASE II Copper,Total Lead,Total 1.68 0.63 2.1 0.31 μg/L μg/L San Joaquin Co Delta 30/Jun/2005 0.01 San Joaquin Co Delta 16/Jun/2005 UCD PHASE II 0.01 14/Jul/2005 30/Jun/2005 2.0 0.35 San Joaquin Co Delta Pixley Slough at Ham Ln LICD PHASE II Lead, Total 0.66 0.01 μg/L UCD PHASE II 0.88 1.12 μg/L μg/L San Joaquin Co Delta Pixlev Slough at Ham Ln Lead.Total 0.01 San Joaquin Co Delta Pixley Slough at Ham Ln 28/Jul/2005 UCD PHASE II Lead, Total 0.01 San Joaquin Co Delta Pixley Slough at Ham Ln 14/Jul/2005 LICD PHASE II Nickel, Total 0.26 μg/L 0.01 16/Jun/2005 UCD PHASE II San Joaquin Co Delta Pixley Slough at Ham Ln Nickel.Total 0.3 μg/L μg/L 0.01 Pixley Slough at Ham Ln UCD PHASE II 0.34 San Joaquin Co Delta 30/Jun/2005 Nickel, Total 0.01 San Joaquin Co Delta Pixley Slough at Ham Ln 28/Jul/2005 UCD PHASE II Nickel Total 0.42 μg/L 0.01 30/Jun/2005 UCD PHASE II San Joaquin Co Delta Pixley Slough at Ham Ln Selenium.Total 0.11 μg/L μg/L 0.1 San Joaquin Co Delta Pixley Slough at Ham Ln 16/Jun/2005 UCD PHASE II Selenium, Total 0.26 0.1 UCD PHASE II 0.1 0.1 San Joaquin Co Delta Pixley Slough at Ham Ln 14/Jul/2005 Selenium.Total 0.4 μg/L 1.19 San Joaquin Co Delta Pixley Slough at Ham Ln 28/Jul/2005 UCD PHASE II Selenium.Total µg/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Pixley Slough at Ham Ln 14/Jul/2005 Zinc,Total 4.45 μg/L 0.1 28/Jul/2005 μg/L μg/L 0.1 0.1 San Joaquin Co Delta Pixley Slough at Ham Ln Zinc.Total 4.45 Pixley Slough at Ham Ln UCD PHASE II San Joaquin Co Delta 16/Jun/2005 Zinc,Total 5.11 Pixley Slough at Ham Ln Unnamed Canal at Howard Road 0.1 San Joaquin Co Delta 30/Jun/2005 LICD PHASE II Zinc,Total 6.01 μg/L UCD PHASE II 30/Jun/2005 μg/L San Joaquin Co Delta 1.97 Arsenic.Total San Joaquin Co Delta Unnamed Canal at Howard Road 16/Jun/2005 UCD PHASE II Arsenic, Total 2.19 μg/L 0.1 San Joaquin Co Delta Unnamed Canal at Howard Road 14/Jul/2005 UCD PHASE II Arsenic.Total 2.25 μg/L 0.1 Unnamed Canal at Howard Road 28/Jul/2005 UCD PHASE II 2.98 San Joaquin Co Delta Arsenic.Total μg/L 0.1 UCD PHASE II mg/L 0.0002 San Joaquin Co Delta Unnamed Canal at Howard Road 16/Jun/2005 Boron,Total 0.124 UCD PHASE II San Joaquin Co Delta Unnamed Canal at Howard Road 30/Jun/2005 Boron.Total 0.219 mg/L 0.0002 0.228 San Joaquin Co Delta Unnamed Canal at Howard Road 14/Jul/2005 UCD PHASE II Boron.Total 0.0002 ma/L San Joaquin Co Delta Unnamed Canal at Howard Road 28/Jul/2005 UCD PHASE II Boron, Total 0.301 mg/L 0.0002 UCD PHASE II 30/Jun/2005 μg/L μg/L San Joaquin Co Delta Unnamed Canal at Howard Road Cadmium.Total 0.02 0.01 Unnamed Canal at Howard Road 14/Jul/2005 UCD PHASE II 0.01 San Joaquin Co Delta Cadmium, Total 0.02 San Joaquin Co Delta Unnamed Canal at Howard Road 16/Jun/2005 28/Jul/2005 LICD PHASE II Cadmium, Total 0.03 μg/L 0.01 UCD PHASE II 0.04 Unnamed Canal at Howard Road San Joaquin Co Delta Cadmium.Total μg/L μg/L 0.01 14/Jul/2005 UCD PHASE II San Joaquin Co Delta Unnamed Canal at Howard Road Copper,Total 3.79 0.01 Copper,Total Copper,Total 8.9 6.2 San Joaquin Co Delta Unnamed Canal at Howard Road 30/Jun/2005 UCD PHASE II 4 23 μg/L 0.01 Unnamed Canal at Howard Road 16/Jun/2005 UCD PHASE II 4.96 μg/L 0.01 San Joaquin Co Delta 12 2.0 2.0 San Joaquin Co Delta Unnamed Canal at Howard Road 28/Jul/2005 UCD PHASE II Copper,Total 5.23 μg/L 0.01 San Joaquin Co Delta Unnamed Canal at Howard Road 14/Jul/2005 UCD PHASE II Lead.Total 1.05 μg/L 0.01 Unnamed Canal at Howard Road 30/Jun/2005 UCD PHASE II 1.12 0.01 San Joaquin Co Delta Lead.Total ua/L San Joaquin Co Delta Unnamed Canal at Howard Road 16/Jun/2005 UCD PHASE II Lead.Total 1.27 1.7 μg/L 0.01 UCD PHASE II 28/Jul/2005 San Joaquin Co Delta Unnamed Canal at Howard Road Lead.Total 1.41 μg/L 0.01 UCD PHASE II 3.34 San Joaquin Co Delta Unnamed Canal at Howard Road 14/Jul/2005 Nickel, Total 0.01 µg/L Unnamed Canal at Howard Road Nickel.Total San Joaquin Co Delta 30/Jun/2005 UCD PHASE II 4.07 μg/L 0.01 UCD PHASE II Unnamed Canal at Howard Road 28/Jul/2005 San Joaquin Co Delta Nickel.Total 4.53 μq/L 0.01 Unnamed Canal at Howard Road UCD PHASE II 4.75 0.01 San Joaquin Co Delta 16/Jun/2005 Nickel, Total μg/L μg/L μg/L 0.1 0.1 San Joaquin Co Delta Unnamed Canal at Howard Road 16/Jun/2005 UCD PHASE II Selenium.Total 1.16 Unnamed Canal at Howard Road UCD PHASE II 30/Jun/2005 Selenium, Total 2.09 San Joaquin Co Delta Unnamed Canal at Howard Road 14/Jul/2005 UCD PHASE II Selenium, Total 0.1 San Joaquin Co Delta 2.76 μg/L UCD PHASE II μg/L μg/L San Joaquin Co Delta Unnamed Canal at Howard Road 28/Jul/2005 Selenium.Total 3.24 0.1 San Joaquin Co Delta Unnamed Canal at Howard Road 14/Jul/2005 UCD PHASE II Zinc,Total 5.53 0.1 San Joaquin Co Delta Unnamed Canal at Howard Road 30/Jun/2005 UCD PHASE II UCD PHASE II Zinc,Total 6.85 μg/L 0.1 San Joaquin Co Delta Unnamed Canal at Howard Road 28/Jul/2005 Zinc.Total 8.43 μg/L μg/L 0.1 UCD PHASE II Zinc,Total 0.1 San Joaquin Co Delta Unnamed Canal at Howard Road 16/Jun/2005 8.94 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 11/Aug/2004 UCD PHASE II Arsenic, Total 11 10 μg/L 0.1 UCD PHASE II 28/Jul/2004 13.4 15.2 Unnamed canal at west end of Woodbridge Rd Arsenic.Total μg/L μg/L San Joaquin Co Delta 10 10 0.1 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 25/Aug/2004 UCD PHASE II Arsenic,Total 0.1 16.2 18.8 μg/L μg/L San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 14/.lul/2004 UCD PHASE II Arsenic.Total 10 10 0.1 UCD PHASE II 0.1 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 08/Sep/2004 Arsenic, Total San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 14/Jul/2004 UCD PHASE II Boron, Total 70.3 mg/L Unnamed canal at west end of Woodbridge Rd San Joaquin Co Delta 28/Jul/2004 UCD PHASE II Boron.Total 79 mg/L UCD PHASE II Boron,Total 91.1 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 11/Aug/2004 mg/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 25/Aug/2004 Boron, Total 94.8 mg/L 0.1 08/Sep/2004 111 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd Boron.Total mg/L 0.1 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 14/Jul/2004 UCD PHASE II Cadmium, Total 0.01 0.01 μg/L San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 08/Sep/2004 UCD PHASE II Cadmium.Total 0.016 μg/L 0.01 UCD PHASE II Unnamed canal at west end of Woodbridge Rd 11/Aug/2004 0.01 San Joaquin Co Delta Cadmium.Total 0.019 μq/L UCD PHASE II San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 28/Jul/2004 Cadmium, Total 0.02 μg/L 0.01 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 25/Aug/2004 UCD PHASE II Copper,Total 1.02 19 μg/L 0.01 UCD PHASE II 25 Unnamed canal at west end of Woodbridge Rd 08/Sep/2004 μg/L San Joaquin Co Delta Copper, Total 1.16 0.01 Unnamed canal at west end of Woodbridge Rd 14/Jul/2004 UCD PHASE II 1.73 18 μg/L 0.003 San Joaquin Co Delta Copper,Total μg/L μg/L San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 28/Jul/2004 UCD PHASE II Copper,Total 2 11 15 14 0.003 Unnamed canal at west end of Woodbridge Rd UCD PHASE II 2.36 San Joaquin Co Delta 11/Aug/2004 Copper,Total 0.01 San Joaquin Co Delta UCD PHASE II UCD PHASE II Unnamed canal at west end of Woodbridge Rd 25/Aug/2004 Lead, Total 0.085 2.0 μg/L 0.01 08/Sep/2004

Lead.Total

0.211

0.01

San Joaquin Co Delta

Unnamed canal at west end of Woodbridge Rd

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected F Result Method Units Sample Site San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 11/Aug/2004 UCD PHASE II 0.318 2.0 0.01 Lead.Tota μg/l 0.32 2.0 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 14/.lul/2004 LICD PHASE II Lead, Total μg/L 0.002 UCD PHASE II 28/Jul/2004 Unnamed canal at west end of Woodbridge Rd μg/L μg/L 0.002 San Joaquin Co Delta Lead.Total San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 25/Aug/2004 UCD PHASE II Nickel, Total 1.44 0.01 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 14/Jul/2004 UCD PHASE II Nickel.Total 1.57 1.74 μg/L 0.01 UCD PHASE II 0.01 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 28/Jul/2004 Nickel, Total µq/L UCD PHASE II UCD PHASE II San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 08/Sep/2004 Nickel, Total 1.86 μg/L 0.01 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 11/Aug/2004 Nickel.Total 2.16 μg/L 0.01 UCD PHASE II Selenium, Total San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 11/Aug/2004 1.32 µg/L 0.1 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 28/Jul/2004 UCD PHASE II Selenium, Total 1.72 μg/L 0.1 UCD PHASE II 14/Jul/2004 Unnamed canal at west end of Woodbridge Rd Selenium.Total 1.8 0.1 San Joaquin Co Delta μg/L UCD PHASE II San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 25/Aug/2004 Selenium, Total 2.3 μg/L 0.1 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 08/Sep/2004 UCD PHASE II Selenium.Total 3.19 μg/L 0.1 UCD PHASE II Unnamed canal at west end of Woodbridge Rd Zinc,Total 0.553 San Joaquin Co Delta 25/Aug/2004 μg/L μg/L 0.1 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 08/Sep/2004 UCD PHASE II Zinc,Total 1.24 0.1 San Joaquin Co Delta 14/Jul/2004 Zinc,Total Zinc,Total μg/L μg/L Unnamed canal at west end of Woodbridge Rd UCD PHASE II 1.35 0.02 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd 28/Jul/2004 UCD PHASE II 1.48 0.02 11/Aug/2004 18/Jul/2005 San Joaquin Co Delta Unnamed canal at west end of Woodbridge Rd UCD PHASE II Zinc,Total 1.97 0.1 μg/L UCD PHASE II South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave μg/L μg/L Arsenic.Total 0.4 0.1 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 20/Jun/2005 UCD PHASE II Arsenic, Total 0.43 0.1 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 05/Jul/2005 LICD PHASE II Arsenic, Total 0.48 μg/L 0.1 UCD PHASE II South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 01/Aug/2005 Arsenic.Total 0.53 μg/L μg/L 0.1 22/Jul/2004 UCD PHASE II 0.1 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave Arsenic, Total 0.76 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 02/Aug/2004 UCD PHASE II Arsenic.Total 0.84 μg/L 0.1 Button Ditch on Ave 368 west of Alta Ave 01/Aug/2005 UCD PHASE II 0.0032 0.0002 South San Joaquin Valley Boron, Total ma/L South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 18/Jul/2005 UCD PHASE II Boron, Total 0.0041 0.0002 mg/L UCD PHASE II South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 20/Jun/2005 Boron, Total 0.0047 mg/L 0.0002 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 05/Jul/2005 UCD PHASE II Boron.Total 0.013 0.0002 ma/L UCD PHASE II UCD PHASE II South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 02/Aug/2004 Boron, Total 4.8 mg/L South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 22/Jul/2004 Boron.Total 9.5 mg/L UCD PHASE II South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 22/Jul/2004 Cadmium 0.024 0.002 µg/L South San Joaquin Valley South San Joaquin Valley 02/Aug/2004 01/Aug/2005 0.01 Button Ditch on Ave 368 west of Alta Ave LICD PHASE II Cadmium,Total 0.01 μg/L UCD PHASE II Button Ditch on Ave 368 west of Alta Ave Cadmium.Total 0.02 µg/L South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 22/Jul/2004 UCD PHASE II Cobalt 0.43 μg/L 0.002 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 22/Jul/2004 UCD PHASE II Copper 6.85 1.5 μg/L 0.003 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 02/Aug/2004 UCD PHASE II 4.7 10.7 0.003 Copper.Total μg/L 1.4 Button Ditch on Ave 368 west of Alta Ave UCD PHASE II South San Joaquin Valley 20/Jun/2005 Copper,Total 4.86 μg/L 0.01 UCD PHASE II South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 01/Aug/2005 Copper,Total 6.04 μg/L 0.01 1.8 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 05/Jul/2005 UCD PHASE II 6.66 0.01 Copper.Total ua/L South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 18/Jul/2005 UCD PHASE II Copper, Total 13.9 2.5 μg/L 0.01 UCD PHASE II 22/Jul/2004 0.21 μg/L μg/L South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave Lead 0.53 0.002 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave UCD PHASE II Lead,Total 2.0 0.002 02/Aug/2004 0.22 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 20/Jun/2005 LICD PHASE II Lead Total 0.26 0.32 0.19 μg/L 0.01 05/Jul/2005 UCD PHASE II South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 0.28 Lead.Total μg/L μg/L 0.01 Button Ditch on Ave 368 west of Alta Ave UCD PHASE II 0.37 South San Joaquin Valley 01/Aug/2005 Lead,Total 0.01 μg/L μg/L South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 18/Jul/2005 UCD PHASE II Lead.Total 0.42 0.46 0.01 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 22/Jul/2004 UCD PHASE II Nickel 0.67 0.006 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 02/Aug/2004 UCD PHASE II Nickel, Total 0.35 μg/L 0.01 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 20/Jun/2005 UCD PHASE II Nickel.Total 0.46 μg/L 0.01 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 01/Aug/2005 UCD PHASE II Nickel, Total 0.5 0.01 ua/L South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 18/Jul/2005 UCD PHASE II Nickel.Total 0.56 μg/L 0.01 UCD PHASE II 05/Jul/2005 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave Nickel.Total 0.65 μg/L 0.01 18/Jul/2005 UCD PHASE II South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave Selenium, Total 0.16 0.1 µg/L South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 01/Aug/2005 UCD PHASE II Selenium.Total 0.18 μg/L 0.1 UCD PHASE II Button Ditch on Ave 368 west of Alta Ave 20/Jun/2005 Selenium.Total South San Joaquin Valley 0.24 μq/L 0.1 05/Jul/2005 Button Ditch on Ave 368 west of Alta Ave UCD PHASE II Selenium,Total 0.1 South San Joaquin Valley 0.26 μg/L Zinc Zinc,Total South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 22/.lul/2004 UCD PHASE II 6.13 μg/L 0.02 UCD PHASE II South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 02/Aug/2004 1.51 0.02 ua/L Button Ditch on Ave 368 west of Alta Ave 20/Jun/2005 UCD PHASE II South San Joaquin Valley Zinc,Total 1.99 μg/L 0.1 UCD PHASE II μg/L μg/L South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 05/Jul/2005 Zinc, Total 2.73 0.1 2.83 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 01/Aug/2005 UCD PHASE II Zinc,Total 0.1 South San Joaquin Valley Button Ditch on Ave 368 west of Alta Ave 18/Jul/2005 UCD PHASE II UCD PHASE II Zinc,Total 3 3.9 μg/L 0.1 South San Joaquin Valley Calloway Canal at Hwy 46 02/Aug/2004 Arsenic.Total μg/L 0.1 Calloway Canal at Hwy 46 UCD PHASE II 0.1 South San Joaquin Valley 20/Jul/2004 Arsenic, Total 4.19 μg/L South San Joaquin Valley Calloway Canal at Hwy 46 16/Aug/2004 UCD PHASE II Arsenic, Total 4.62 μg/L 0.1 UCD PHASE II 02/Aug/2004 20/Jul/2004 South San Joaquin Valley Calloway Canal at Hwy 46 Boron.Total 44 mg/L South San Joaquin Valley Calloway Canal at Hwy 46 UCD PHASE II 53.8 mg/L Boron, Total South San Joaquin Valley Calloway Canal at Hwy 46 16/Aug/2004 UCD PHASE II Boron, Total 74 9 mg/L UCD PHASE II South San Joaquin Valley Calloway Canal at Hwy 46 16/Aug/2004 Cadmium, Total 0.027 ua/L 0.01 South San Joaquin Valley Calloway Canal at Hwy 46 02/Aug/2004 UCD PHASE II 0.01 Cadmium, Total 0.03 μg/L LICD PHASE II μg/L μg/L South San Joaquin Valley Calloway Canal at Hwy 46 20/.lul/2004 Cadmium Total 0.05 0.01 UCD PHASE II South San Joaquin Valley Calloway Canal at Hwy 46 16/Aug/2004 3.61 0.01 Copper, Total 2.5 12 2.0 UCD PHASE II UCD PHASE II South San Joaquin Valley Calloway Canal at Hwy 46 02/Aug/2004 Copper,Total 4.77 7.11 μg/L 0.003 20/Jul/2004 South San Joaquin Valley Calloway Canal at Hwy 46 Copper.Total μg/L 0.003 South San Joaquin Valley Calloway Canal at Hwy 46 16/Aug/2004 UCD PHASE II Lead,Total 0.441 μg/L 0.01 South San Joaquin Valley Calloway Canal at Hwy 46 02/Aug/2004 UCD PHASE II Lead.Total 1.03 1.34 0.45 μg/L 0.002 UCD PHASE II Calloway Canal at Hwy 46 20/Jul/2004 South San Joaquin Valley Lead.Total 2.0 μg/L 0.002 UCD PHASE II South San Joaquin Valley Calloway Canal at Hwy 46 16/Aug/2004 Nickel, Total 0.726 μg/L 0.01 02/Aug/2004 20/Jul/2004 South San Joaquin Valley Calloway Canal at Hwy 46 UCD PHASE II Nickel Total 1.05 μg/L 0.01 UCD PHASE II Calloway Canal at Hwy 46 South San Joaquin Valley Nickel, Total 1.67 μq/L 0.01 South San Joaquin Valley Calloway Canal at Hwy 46 16/Aug/2004 UCD PHASE II Selenium,Total 0.959 μg/L 0.1 02/Aug/2004 20/Jul/2004 μg/L μg/L South San Joaquin Valley Calloway Canal at Hwy 46 UCD PHASE II Selenium Total 1.01 0.1 South San Joaquin Valley Calloway Canal at Hwy 46 UCD PHASE II 1.41 0.1 Selenium, Total South San Joaquin Valley UCD PHASE II UCD PHASE II Calloway Canal at Hwy 46 16/Aug/2004 Zinc,Total 2.75 μg/L 0.1 Calloway Canal at Hwy 46 02/Aug/2004 0.02 South San Joaquin Valley Zinc.Total 5.15

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected E Method Result Units Sample Site 20/Jul/2004 UCD PHASE II 6.49 0.02 South San Joaquin Valley Calloway Canal at Hwy 46 μg/l South San Joaquin UCD PHASE II South San Joaquin Valley Cross Creek at Highway 99 10/Jan/2005 Zinc 0.11 mg/L 0.02 Drain to Fink Ditch at Central Ave 0.24 South San Joaquin Valley 05/Jul/2005 Arsenic.Total μg/L μg/L 0.1 South San Joaquin Valley Drain to Fink Ditch at Central Ave 19/Jul/2005 UCD PHASE II Arsenic, Total 0.31 0.1 South San Joaquin Valley Drain to Fink Ditch at Central Ave 20/Jun/2005 UCD PHASE II Arsenic.Total 0.38 μg/L μg/L 0.1 0.1 02/Aug/2005 UCD PHASE II 0.44 South San Joaquin Valley Drain to Fink Ditch at Central Ave Arsenic,Total 02/Aug/2005 19/Jul/2005 UCD PHASE II UCD PHASE II South San Joaquin Valley Drain to Fink Ditch at Central Ave Boron, Total 0.0027 mg/L 0.0002 South San Joaquin Valley Drain to Fink Ditch at Central Ave Boron.Total 0.0028 mg/L 0.0002 South San Joaquin Valley 05/Jul/2005 UCD PHASE II Drain to Fink Ditch at Central Ave Boron, Total 0.0035 mg/L 0.0002 20/Jun/2005 05/Jul/2005 South San Joaquin Valley Drain to Fink Ditch at Central Ave UCD PHASE II Boron, Total 0.004 mg/L 0.0002 UCD PHASE II Drain to Fink Ditch at Central Ave 0.67 South San Joaquin Valley 0.01 Copper.Total μg/L UCD PHASE II South San Joaquin Valley Drain to Fink Ditch at Central Ave 20/Jun/2005 Copper,Total μg/L 0.01 0.72 South San Joaquin Valley Drain to Fink Ditch at Central Ave 19/Jul/2005 UCD PHASE II Copper, Total 0.76 1.9 1.3 μg/L 0.01 UCD PHASE II South San Joaquin Valley Drain to Fink Ditch at Central Ave 02/Aug/2005 0.01 Copper.Total µg/L South San Joaquin Valley Drain to Fink Ditch at Central Ave 20/Jun/2005 UCD PHASE II Lead,Total 0.06 0.15 μg/L 0.01 UCD PHASE II 0.14 0.17 μg/L μg/L South San Joaquin Valley Drain to Fink Ditch at Central Ave 05/Jul/2005 Lead.Total 0.06 0.01 South San Joaquin Valley Drain to Fink Ditch at Central Ave 02/Aug/2005 UCD PHASE II Lead,Total 0.06 0.01 South San Joaquin Valley Drain to Fink Ditch at Central Ave 19/Jul/2005 LICD PHASE II Lead, Total 0.11 0.30 0.01 μg/L UCD PHASE II South San Joaquin Valley Drain to Fink Ditch at Central Ave 20/Jun/2005 μg/L μg/L Nickel.Total 0.3 0.01 South San Joaquin Valley Drain to Fink Ditch at Central Ave 19/Jul/2005 UCD PHASE II Nickel, Total 0.3 0.01 South San Joaquin Valley South San Joaquin Valley 02/Aug/2005 05/Jul/2005 0.33 Drain to Fink Ditch at Central Ave LICD PHASE II Nickel.Total μg/L 0.01 UCD PHASE II Drain to Fink Ditch at Central Ave Nickel.Total μg/L μg/L 0.01 Drain to Fink Ditch at Central Ave UCD PHASE II South San Joaquin Valley 02/Aug/2005 Selenium, Total 0.17 0.1 South San Joaquin Valley Drain to Fink Ditch at Central Ave 05/Jul/2005 UCD PHASE II Selenium.Total 0.23 μg/L 0.1 South San Joaquin Valley Drain to Fink Ditch at Central Ave 19/Jul/2005 UCD PHASE II 0.36 Selenium.Total μg/L μg/L 0.1 South San Joaquin Valley Drain to Fink Ditch at Central Ave 20/Jun/2005 UCD PHASE II Selenium,Total 0.47 0.1 UCD PHASE II 0.1 0.1 South San Joaquin Valley Drain to Fink Ditch at Central Ave 19/Jul/2005 Zinc,Total 0.14 μg/L South San Joaquin Valley Drain to Fink Ditch at Central Ave 05/Jul/2005 UCD PHASE II Zinc.Total 0.44 µg/L UCD PHASE II UCD PHASE II South San Joaquin Valley Drain to Fink Ditch at Central Ave 20/Jun/2005 Zinc,Total 0.55 μg/L 0.1 μg/L μg/L 0.1 0.1 South San Joaquin Valley Drain to Fink Ditch at Central Ave 02/Aug/2005 Zinc,Total 0.56 UCD PHASE II South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr 20/Jun/2005 Arsenic,Total 1.45 South San Joaquin Valley South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr Drain to Wooten Cr along Hill Rd at Wooten Cr 05/Jul/2005 LICD PHASE II Arsenic, Total 1 88 μg/L 0.1 UCD PHASE II 20/Jun/2005 0.0151 mg/L 0.0002 Boron.Total South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr 05/Jul/2005 UCD PHASE II Boron,Total 0.0317 mg/L 0.0002 South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr 20/Jun/2005 UCD PHASE II Cadmium, Total 0.01 μg/L 0.01 South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr 05/Jul/2005 UCD PHASE II Cadmium, Total 0.02 0.01 μg/L 9.7 11 2.0 Drain to Wooten Cr along Hill Rd at Wooten Cr 05/Jul/2005 UCD PHASE II South San Joaquin Valley Copper,Total 10.3 μg/L 0.01 UCD PHASE II Copper,Total Lead,Total South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr 20/Jun/2005 13.4 μg/L 0.01 Drain to Wooten Cr along Hill Rd at Wooten Cr South San Joaquin Valley 05/Jul/2005 UCD PHASE II 0.1 0.01 μg/L South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr 20/Jun/2005 UCD PHASE II Lead, Total 0.16 μg/L 0.01 UCD PHASE II Drain to Wooten Cr along Hill Rd at Wooten Cr 20/Jun/2005 μg/L μg/L South San Joaquin Valley Nickel.Total 0.46 0.01 05/Jul/2005 South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr UCD PHASE II 0.01 Nickel, Total 0.64 South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr 05/Jul/2005 LICD PHASE II Selenium, Total Selenium, Total 0.47 μg/L 0.1 UCD PHASE II Drain to Wooten Cr along Hill Rd at Wooten Cr 20/Jun/2005 South San Joaquin Valley μg/L μg/L 0.1 South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr 05/Jul/2005 UCD PHASE II 2.2 0.1 Zinc,Total 0.1 0.1 South San Joaquin Valley Drain to Wooten Cr along Hill Rd at Wooten Cr 20/Jun/2005 UCD PHASE II Zinc,Total 2.5 μg/L South San Joaquin Valley Elk Bayou at Road 96 21/Jun/2005 UCD PHASE II 0.98 Arsenic.Total ua/L South San Joaquin Valley Elk Bayou at Road 96 18/Jul/2005 UCD PHASE II Arsenic, Total 1.12 μg/L 0.1 South San Joaquin Valley Elk Bayou at Road 96 01/Aug/2005 UCD PHASE II Arsenic.Total 1.95 μg/L 0.1 21/Jun/2005 UCD PHASE II South San Joaquin Valley Elk Bayou at Road 96 Boron, Total 0.0107 0.0002 ma/L South San Joaquin Valley Elk Bayou at Road 96 18/Jul/2005 UCD PHASE II Boron, Total 0.0154 mg/L 0.0002 UCD PHASE II Elk Bayou at Road 96 0.0227 0.0002 South San Joaquin Valley 01/Aug/2005 Boron.Total mg/L UCD PHASE II South San Joaquin Valley Elk Bayou at Road 96 01/Aug/2005 Cadmium,Total 0.02 0.01 µg/L 21/Jun/2005 18/Jul/2005 South San Joaquin Valley Elk Bayou at Road 96 UCD PHASE II Copper,Total 0.99 2.1 μg/L 0.01 2.5 UCD PHASE II Elk Bayou at Road 96 0.01 South San Joaquin Valley Copper.Total 1.84 µq/L Elk Bayou at Road 96 01/Aug/2005 UCD PHASE II 0.01 South San Joaquin Valley Copper, Total μg/L 21/Jun/2005 01/Aug/2005 μg/L μg/L South San Joaquin Valley Elk Bayou at Road 96 UCD PHASE II Lead.Total 0.24 0.34 0.01 South San Joaquin Valley UCD PHASE II 0.51 Elk Bayou at Road 96 Lead.Total 0.24 0.01 UCD PHASE II UCD PHASE II Elk Bayou at Road 96 18/Jul/2005 0.86 South San Joaquin Valley Lead, Total μg/L 0.01 μg/L μg/L South San Joaquin Valley Elk Bayou at Road 96 21/Jun/2005 Nickel.Total 0.01 South San Joaquin Valley Elk Bayou at Road 96 18/Jul/2005 UCD PHASE II Nickel, Total 0.66 0.01 South San Joaquin Valley Elk Bayou at Road 96 01/Aug/2005 UCD PHASE II UCD PHASE II Nickel, Total 1.8 μg/L 0.01 South San Joaquin Valley Elk Bayou at Road 96 21/Jun/2005 Selenium.Total 0.38 μg/L 0.1 South San Joaquin Valley Elk Bayou at Road 96 18/Jul/2005 UCD PHASE II 0.1 Selenium, Total 0.46 μg/L 1.4 1.55 South San Joaquin Valley Elk Bayou at Road 96 01/Aug/2005 UCD PHASE II Selenium, Total μg/L 0.1 UCD PHASE II Elk Bayou at Road 96 21/Jun/2005 South San Joaquin Valley Zinc.Total μg/L μg/L 0.1 South San Joaquin Valley Elk Bayou at Road 96 18/Jul/2005 UCD PHASE II Zinc,Total 3.43 0.1 μg/L mg/L South San Joaquin Valley Elk Bayou at Road 96 01/Aug/2005 LICD PHASE II Zinc,Total 4 79 0.1 10/Jan/2005 0.02 South San Joaquin Valley Kaweah River South San Joaquin Zinc 0.25 South San Joaquin Valley Kings River at Jackson Ave Bridge 20/Jul/2004 UCD PHASE II Arsenic,Total 0.97 0.1 μg/L Kings River at Jackson Ave Bridge LICD PHASE II South San Joaquin Valley 20/.lul/2004 Boron, Total 10.8 mg/L Kings River at Jackson Ave Bridge 20/Jul/2004 UCD PHASE II 0.01 South San Joaquin Valley Cadmium, Total 0.02 µg/L UCD PHASE II UCD PHASE II Copper,Total South San Joaquin Valley Kings River at Jackson Ave Bridge 20/Jul/2004 1.72 2 0.32 μg/L 0.003 20/Jul/2004 South San Joaquin Valley Kings River at Jackson Ave Bridge Lead.Total 0.58 μg/L 0.002 South San Joaquin Valley Kings River at Jackson Ave Bridge 20/Jul/2004 UCD PHASE II Nickel, Total 1.89 0.01 μg/L South San Joaquin Valley Kings River at Jackson Ave Bridge Kings River at Jackson Ave Bridge 20/Jul/2004 UCD PHASE II Selenium, Total 0.22 μg/L 0.1 UCD PHASE II 20/Jul/2004 Zinc.Total 0.02 South San Joaquin Valley 3.11 μg/L South San Joaquin Valley Main Drain Canal near Highway 46 16/Aug/2004 South San Joaquin Arsenic,Total 0.02 0.01 mg/L South San Joaquin Valley Main Drain Canal near Highway 46 10/Feb/2005 South San Joaquin Boron, Total 0.3 meq/L 0.1 South San Joaquin Valley Main Drain Canal near Highway 46 16/Aug/2004 South San Joaquin Boron, Total 0.4 mg/L 0.1 South San Joaquin Valley Main Drain Canal near Highway 46 16/Aug/2004 South San Joaquin 10 0.01 Coppe μg/L Iron Manganese 1000 ug/L ug/L South San Joaquin Valley Main Drain Canal near Highway 46 10/Feb/2005 South San Joaquin 430 50 South San Joaquin Valley Main Drain Canal near Highway 46 South San Joaquin 10 10 10/Feb/2005 16/Aug/2004 05/Jul/2005 South San Joaquin UCD PHASE II South San Joaquin Valley Main Drain Canal near Highway 46 Zinc 0.19 mg/L 0.02

South San Joaquin Valley

Melga Canal at Jersey Ave

Arsenic.Total

0.53

μg/L 0.1

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected F Result Method Units Sample Site 01/Aug/2005 UCD PHASE II 0.53 South San Joaquin Valley Melga Canal at Jersey Ave Arsenic.Total μg/L 0.1 South San Joaquin Valley Melga Canal at Jersey Ave 18/Jul/2005 LICD PHASE II Arsenic, Total 0.56 μg/L 0.1 UCD PHASE II 20/Jun/2005 0.65 South San Joaquin Valley μg/L mg/L Melga Canal at Jersey Ave Arsenic.Total 0.1 South San Joaquin Valley Melga Canal at Jersey Ave 01/Aug/2005 UCD PHASE II Boron, Total 0.0033 0.0002 South San Joaquin Valley Melga Canal at Jersey Ave 18/Jul/2005 UCD PHASE II Boron, Total 0.0037 mg/L mg/L 0.0002 05/Jul/2005 UCD PHASE II 0.0041 0.0002 South San Joaquin Valley Melga Canal at Jersey Ave Boron,Total UCD PHASE II UCD PHASE II South San Joaquin Valley Melga Canal at Jersey Ave 20/Jun/2005 Boron, Total 0.005 mg/L 0.0002 South San Joaquin Valley Melga Canal at Jersey Ave 05/Jul/2005 Cadmium.Total 0.01 μg/L 0.01 South San Joaquin Valley UCD PHASE II Melga Canal at Jersey Ave 01/Aug/2005 Cadmium, Total 0.01 µg/L 0.01 20/Jun/2005 18/Jul/2005 0.01 South San Joaquin Valley Melga Canal at Jersey Ave UCD PHASE II Cadmium, Total 0.02 μg/L UCD PHASE II South San Joaquin Valley Melga Canal at Jersey Ave 1.7 Copper.Total 2.17 μg/L Melga Canal at Jersey Ave UCD PHASE II 2.45 1.6 1.7 1.8 South San Joaquin Valley 01/Aug/2005 Copper,Total μg/L 0.01 South San Joaquin Valley Melga Canal at Jersey Ave 05/Jul/2005 UCD PHASE II Copper, Total 3.35 μg/L 0.01 UCD PHASE II South San Joaquin Valley Melga Canal at Jersey Ave 20/Jun/2005 0.01 6.53 Copper.Total μg/L South San Joaquin Valley Melga Canal at Jersey Ave 01/Aug/2005 UCD PHASE II Lead,Total 0.33 0.22 μg/L 0.01 UCD PHASE II 0.24 0.26 μg/L μg/L South San Joaquin Valley Melga Canal at Jersey Ave 18/Jul/2005 Lead.Total 0.53 0.01 South San Joaquin Valley Melga Canal at Jersey Ave 05/Jul/2005 UCD PHASE II Lead,Total 0.91 0.01 0.94 0.72 South San Joaquin Valley Melga Canal at Jersey Ave 20/Jun/2005 UCD PHASE II Lead, Total 0.27 0.01 μg/L UCD PHASE II South San Joaquin Valley 01/Aug/2005 μg/L μg/L Melga Canal at Jersey Ave Nickel.Total 0.01 South San Joaquin Valley Melga Canal at Jersey Ave 18/Jul/2005 UCD PHASE II Nickel, Total 1.15 0.01 South San Joaquin Valley South San Joaquin Valley 05/Jul/2005 20/Jun/2005 2.31 Melga Canal at Jersey Ave LICD PHASE II Nickel, Total μg/L 0.01 UCD PHASE II Melga Canal at Jersey Ave Nickel.Total μg/L μg/L 0.01 South San Joaquin Valley Melga Canal at Jersey Ave 05/Jul/2005 UCD PHASE II Selenium, Total 0.1 0.1 South San Joaquin Valley Melga Canal at Jersey Ave 20/Jun/2005 UCD PHASE II Selenium.Total 0.32 μg/L 0.1 South San Joaquin Valley Melga Canal at Jersey Ave 01/Aug/2005 UCD PHASE II 0.95 Selenium.Total μg/L μg/L 0.1 South San Joaquin Valley Melga Canal at Jersey Ave 01/Aug/2005 UCD PHASE II Zinc,Total 1.75 0.1 UCD PHASE II 0.1 0.1 South San Joaquin Valley Melga Canal at Jersey Ave 18/Jul/2005 Zinc,Total 3.16 μg/L South San Joaquin Valley Melga Canal at Jersev Ave 05/Jul/2005 UCD PHASE II Zinc.Total 6.33 µg/L UCD PHASE II UCD PHASE II South San Joaquin Valley Melga Canal at Jersey Ave 20/Jun/2005 Zinc,Total 6.69 μg/L 0.1 μg/L μg/L 0.1 0.1 South San Joaquin Valley Peoples Ditch at Elder Ave 18/Jul/2005 Arsenic, Total 0.31 Peoples Ditch at Elder Ave UCD PHASE II Arsenic,Total 0.41 South San Joaquin Valley 05/Jul/2005 South San Joaquin Valley South San Joaquin Valley Peoples Ditch at Elder Ave 20/Jun/2005 01/Aug/2005 LICD PHASE II Arsenic.Total 0.48 μg/L 0.1 UCD PHASE II μg/L mg/L Peoples Ditch at Elder Ave Arsenic.Total 0.49 0.1 South San Joaquin Valley Peoples Ditch at Elder Ave 01/Aug/2005 UCD PHASE II Boron,Total 0.0028 0.0002 South San Joaquin Valley Peoples Ditch at Elder Ave 18/Jul/2005 UCD PHASE II Boron, Total 0.003 mg/L 0.0002 South San Joaquin Valley Peoples Ditch at Elder Ave 05/Jul/2005 UCD PHASE II Boron,Total 0.0039 0.0002 ma/L UCD PHASE II UCD PHASE II Peoples Ditch at Elder Ave 20/Jun/2005 0.0002 South San Joaquin Valley Boron, Total 0.0055 mg/L South San Joaquin Valley Peoples Ditch at Elder Ave 18/Jul/2005 Copper, Total 0.96 1.8 μg/L 0.01 UCD PHASE II 1.2 South San Joaquin Valley Peoples Ditch at Elder Ave 01/Aug/2005 1.54 ua/L 0.01 Copper.Total South San Joaquin Valley Peoples Ditch at Elder Ave 05/Jul/2005 UCD PHASE II Copper, Total 1.76 1.3 μg/L 0.01 UCD PHASE II Copper,Total Lead,Total μg/L μg/L South San Joaquin Valley Peoples Ditch at Elder Ave 20/Jun/2005 2.19 0.01 01/Aug/2005 South San Joaquin Valley Peoples Ditch at Elder Ave UCD PHASE II 0.18 0.15 0.01 South San Joaquin Valley Peoples Ditch at Elder Ave 18/Jul/2005 LICD PHASE II Lead Total 0 19 0.28 0.24 μg/L 0.01 UCD PHASE II South San Joaquin Valley 20/Jun/2005 0.22 Peoples Ditch at Elder Ave μg/L μg/L 0.01 Lead.Total South San Joaquin Valley Peoples Ditch at Elder Ave 05/Jul/2005 UCD PHASE II 0.38 Lead, Total 0.01 01/Aug/2005 18/Jul/2005 South San Joaquin Valley Peoples Ditch at Elder Ave UCD PHASE II Nickel.Total 0.4 μg/L 0.01 South San Joaquin Valley Peoples Ditch at Elder Ave UCD PHASE II Nickel, Total 0.42 0.01 ua/L UCD PHASE II UCD PHASE II South San Joaquin Valley Peoples Ditch at Elder Ave 20/Jun/2005 Nickel, Total 0.57 μg/L 0.01 South San Joaquin Valley Peoples Ditch at Elder Ave 05/Jul/2005 Nickel.Total 1.02 μg/L 0.01 UCD PHASE II South San Joaquin Valley Peoples Ditch at Elder Ave 20/Jun/2005 Selenium, Total 0.23 ua/L 0.1 Peoples Ditch at Elder Ave South San Joaquin Valley 18/Jul/2005 UCD PHASE II Selenium, Total 0.29 μg/L 0.1 UCD PHASE II 18/Jul/2005 Zinc.Total South San Joaquin Valley Peoples Ditch at Elder Ave 0.33 μg/L 0.1 UCD PHASE II 0.1 South San Joaquin Valley Peoples Ditch at Elder Ave 01/Aug/2005 Zinc, Total 0.84 µg/L 20/Jun/2005 05/Jul/2005 South San Joaquin Valley Peoples Ditch at Elder Ave UCD PHASE II Zinc,Total 0.99 μg/L 0.1 UCD PHASE II South San Joaquin Valley Peoples Ditch at Elder Ave μg/L mg/L Zinc, Total 2.07 0.1 10/Jan/2005 South San Joaquin 0.02 South San Joaquin Valley St. Johns River Zinc 0.22 St. Johns River at Road 108 μg/L μg/L 0.1 0.1 South San Joaquin Valley 18/Jul/2005 LICD PHASE II Arsenic.Total 0.45 South San Joaquin Valley St. Johns River at Road 108 06/Jul/2005 UCD PHASE II Arsenic, Total 0.48 UCD PHASE II UCD PHASE II Arsenic,Total Johns River at Road 108 21/Jun/2005 South San Joaquin Valley 0.6 μg/L 0.1 μg/L mg/L South San Joaquin Valley St. Johns River at Road 108 01/Aug/2005 Arsenic, Total 0.69 0.1 South San Joaquin Valley St. Johns River at Road 108 18/Jul/2005 UCD PHASE II Boron, Total 0.0036 0.0002 South San Joaquin Valley Johns River at Road 108 01/Aug/2005 UCD PHASE II UCD PHASE II Boron, Total 0.0036 mg/L 0.0002 South San Joaquin Valley St. Johns River at Road 108 21/Jun/2005 Boron.Total 0.0044 mg/L mg/L 0.0002 South San Joaquin Valley 06/Jul/2005 UCD PHASE II 0.0002 St. Johns River at Road 108 Boron, Total 0.0044 South San Joaquin Valley St. Johns River at Road 108 18/Jul/2005 UCD PHASE II Copper,Total 0.54 μg/L 0.01 UCD PHASE II St. Johns River at Road 108 South San Joaquin Valley 21/Jun/2005 0.64 μg/L μg/L 0.01 Copper.Total South San Joaquin Valley St. Johns River at Road 108 06/Jul/2005 UCD PHASE II 0.01 Copper, Total 0.65 Copper,Total Lead,Total μg/L μg/L South San Joaquin Valley St. Johns River at Road 108 01/Aug/2005 UCD PHASE II 0.79 1.8 0.01 21/Jun/2005 UCD PHASE II 0.31 South San Joaquin Valley St. Johns River at Road 108 0.08 0.01 South San Joaquin Valley St. Johns River at Road 108 18/Jul/2005 UCD PHASE II Lead, Total 0.37 μg/L 0.01 0.09 LICD PHASE II μg/L μg/L South San Joaquin Valley St. Johns River at Road 108 06/Jul/2005 Lead Total 0.11 0.30 0.01 UCD PHASE II 0.25 South San Joaquin Valley St. Johns River at Road 108 01/Aug/2005 Lead, Total 0.01 0.01 UCD PHASE II UCD PHASE II South San Joaquin Valley St. Johns River at Road 108 06/Jul/2005 Nickel, Total 0.1 μg/L 21/Jun/2005 0.12 South San Joaquin Valley St. Johns River at Road 108 Nickel.Total μg/L 0.01 South San Joaquin Valley St. Johns River at Road 108 18/Jul/2005 UCD PHASE II Nickel, Total 0.12 μg/L 0.01 South San Joaquin Valley St. Johns River at Road 108 01/Aug/2005 UCD PHASE II Nickel.Total 0.25 μg/L 0.01 UCD PHASE II St. Johns River at Road 108 21/Jun/2005 South San Joaquin Valley Selenium.Total 0.22 μq/L 0.1 18/Jul/2005 UCD PHASE II 0.1 South San Joaquin Valley St. Johns River at Road 108 Selenium, Total 0.28 μg/L South San Joaquin Valley St. Johns River at Road 108 06/Jul/2005 UCD PHASE II Selenium.Total 0.31 μg/L 0.1 UCD PHASE II South San Joaquin Valley St. Johns River at Road 108 01/Aug/2005 Selenium, Total 0.44 μq/L 0.1 South San Joaquin Valley Johns River at Road 108 06/Jul/2005 UCD PHASE II Zinc,Total 0.32 μg/L 0.1 Zinc,Total Zinc,Total μg/L μg/L South San Joaquin Valley St. Johns River at Road 108 21/Jun/2005 UCD PHASE II 0.75 0.1 South San Joaquin Valley St. Johns River at Road 108 UCD PHASE II 0.1 01/Aug/2005 0.85

10/Jan/2005

10/Jan/2005

South San Joaquin

South San Joaquin

Copper

Zinc

10 0.25 5.8

μg/L

mg/L

0.01

0.02

Stone Corral I.D. Discharge Stone Corral I.D. Discharge

South San Joaquin Valley

South San Joaquin Valley

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected F Result Method Units Sample Site Tule River at Poplar Ave 16/Aug/2004 UCD PHASE II 1.47 South San Joaquin Valley Arsenic, Total μg/l 0.1 South San Joaquin Valley Tule River at Poplar Ave 20/Jul/2004 LICD PHASE II Arsenic, Total 2.37 μg/L 0.1 UCD PHASE II 16/Aug/2004 South San Joaquin Valley Tule River at Poplar Ave Boron.Total 19.3 mg/L South San Joaquin Valley Tule River at Poplar Ave 20/Jul/2004 UCD PHASE II Boron, Total mg/L South San Joaquin Valley Tule River at Poplar Ave 16/Aug/2004 20/Jul/2004 UCD PHASE II Cadmium.Total 0.011 μg/L μg/L 0.01 Tule River at Poplar Ave UCD PHASE II South San Joaquin Valley Cadmium,Total 0.05 0.01 UCD PHASE II UCD PHASE II Copper,Total 3.54 5.93 South San Joaquin Valley Tule River at Poplar Ave 16/Aug/2004 2.6 5.9 μg/L 0.01 South San Joaquin Valley Tule River at Poplar Ave 20/Jul/2004 Copper.Total μg/L 0.003 South San Joaquin Valley Tule River at Poplar Ave UCD PHASE II 0.47 16/Aug/2004 Lead, Total 0.231 µg/L 0.01 0.81 0.465 South San Joaquin Valley Tule River at Poplar Ave 20/Jul/2004 UCD PHASE II Lead, Total μg/L 0.002 UCD PHASE II 16/Aug/2004 South San Joaquin Valley Tule River at Poplar Ave Nickel.Total 0.01 μg/L Tule River at Poplar Ave UCD PHASE II South San Joaquin Valley 20/Jul/2004 Nickel, Total 2.23 μg/L 0.01 South San Joaquin Valley Tule River at Poplar Ave 20/Jul/2004 UCD PHASE II Selenium.Total 0.36 μg/L 0.1 UCD PHASE II South San Joaquin Valley 16/Aug/2004 Zinc,Total 2.54 Tule River at Poplar Ave μg/L 0.1 South San Joaquin Valley Tule River at Poplar Ave 20/Jul/2004 UCD PHASE II Zinc,Total 6.19 μg/L 0.02 South San Joaquin Valley UCD PHASE II μg/L μg/L 0.1 0.1 West Reedley Ditch at East Adams Ave 22/Jul/2004 Arsenic, Total 0.55 South San Joaquin Valley West Reedley Ditch at East Adams Ave 03/Aug/2004 UCD PHASE II Arsenic,Total 0.71 South San Joaquin Valley West Reedley Ditch at East Adams Ave 03/Aug/2004 LICD PHASE II Boron, Total 5.19 mg/L UCD PHASE II South San Joaquin Valley West Reedley Ditch at East Adams Ave 22/Jul/2004 Boron, Total 13.1 mg/L South San Joaquin Valley West Reedley Ditch at East Adams Ave 22/Jul/2004 UCD PHASE II Cadmium 0.008 μg/L 0.002 South San Joaquin Valley South San Joaquin Valley 03/Aug/2004 22/Jul/2004 0.01 0.073 West Reedley Ditch at East Adams Ave LICD PHASE II Cadmium,Total μg/L 0.01 UCD PHASE II West Reedley Ditch at East Adams Ave 0.002 Cobalt μg/L μg/L South San Joaquin Valley West Reedley Ditch at East Adams Ave 22/Jul/2004 UCD PHASE II Coppe 3.53 0.003 1.1 South San Joaquin Valley West Reedley Ditch at East Adams Ave 03/Aug/2004 UCD PHASE II Copper,Total 1.88 1.2 μg/L 0.003 South San Joaquin Valley West Reedley Ditch at East Adams Ave 22/Jul/2004 UCD PHASE II 0.052 0.13 0.002 μg/L μg/L Lead South San Joaquin Valley West Reedley Ditch at East Adams Ave 03/Aug/2004 UCD PHASE II Lead,Total 0.05 0.002 UCD PHASE II South San Joaquin Valley West Reedley Ditch at East Adams Ave 22/Jul/2004 Nickel 0.34 μg/L 0.006 South San Joaquin Valley West Reedley Ditch at East Adams Ave 03/Aug/2004 UCD PHASE II Nickel, Total 0.42 0.01 ua/L UCD PHASE II UCD PHASE II South San Joaquin Valley West Reedley Ditch at East Adams Ave 03/Aug/2004 Selenium, Total 0.14 μg/L 0.1 22/Jul/2004 μg/L μg/L South San Joaquin Valley West Reedley Ditch at East Adams Ave Zinc 0.47 0.02 West Reedley Ditch at East Adams Ave UCD PHASE II Zinc,Total South San Joaquin Valley 03/Aug/2004 0.31 0.02 Boundary Drain at Henry Miller Ave Boundary Drain at Henry Miller Ave 22/Jun/2005 07/Jul/2005 5.19 5.58 0.1 Westside Coalition LICD PHASE II Arsenic,Total μg/L UCD PHASE II Westside Coalition Arsenic.Total µg/L Westside Coalition Boundary Drain at Henry Miller Ave 20/Jul/2005 UCD PHASE II Arsenic, Total 6.47 μg/L 0.1 Westside Coalition Boundary Drain at Henry Miller Ave 03/Aug/2005 20/Jul/2005 UCD PHASE II Arsenic, Total 7.12 μg/L 0.1 Boundary Drain at Henry Miller Ave UCD PHASE II Boron,Total 0.42 0.0002 Westside Coalition ma/L UCD PHASE II UCD PHASE II Boundary Drain at Henry Miller Ave 0.0002 Westside Coalition 03/Aug/2005 Boron, Total 0.494 mg/L Westside Coalition Boundary Drain at Henry Miller Ave 07/Jul/2005 Boron.Total 0.527 mg/L 0.0002 Boundary Drain at Henry Miller Ave UCD PHASE II 0.538 Westside Coalition 22/Jun/2005 Boron, Total 0.0002 ma/L Westside Coalition Boundary Drain at Henry Miller Ave 20/Jul/2005 UCD PHASE II Cadmium, Total 0.04 μg/L 0.01 UCD PHASE II Boundary Drain at Henry Miller Ave 07/Jul/2005 μg/L μg/L Westside Coalition Cadmium.Total 0.05 0.01 Westside Coalition Boundary Drain at Henry Miller Ave 22/Jun/2005 UCD PHASE II 0.01 Cadmium, Total 0.06 0.07 16 19 Westside Coalition Boundary Drain at Henry Miller Ave 03/Aug/2005 20/Jul/2005 LICD PHASE II Cadmium Total 0.07 5.01 μg/L 0.01 UCD PHASE II Boundary Drain at Henry Miller Ave Westside Coalition Copper.Total μg/L μg/L 0.01 Boundary Drain at Henry Miller Ave 07/Jul/2005 UCD PHASE II Westside Coalition Copper,Total 5.25 0.01 20 20 Westside Coalition Boundary Drain at Henry Miller Ave 03/Aug/2005 UCD PHASE II Copper,Total 6 22 μg/L 0.01 Westside Coalition Boundary Drain at Henry Miller Ave 22/Jun/2005 UCD PHASE II 6.34 0.01 Copper.Total ua/L UCD PHASE II UCD PHASE II Westside Coalition Boundary Drain at Henry Miller Ave 07/Jul/2005 Lead, Total 1.11 2.0 μg/L 0.01 2.0 Westside Coalition Boundary Drain at Henry Miller Ave 20/Jul/2005 Lead.Total 1.2 μg/L 0.01 UCD PHASE II 1.23 Boundary Drain at Henry Miller Ave 22/Jun/2005 0.01 Westside Coalition Lead.Total ua/L Westside Coalition Boundary Drain at Henry Miller Ave 03/Aug/2005 UCD PHASE II Lead.Total 1.37 μg/L 0.01 UCD PHASE II Boundary Drain at Henry Miller Ave 03/Aug/2005 Westside Coalition Nickel.Total 3.99 μg/L 0.01 22/Jun/2005 UCD PHASE II Westside Coalition Boundary Drain at Henry Miller Ave Nickel, Total 0.01 µg/L Boundary Drain at Henry Miller Ave 20/Jul/2005 4.06 Westside Coalition UCD PHASE II Nickel.Total μg/L 0.01 UCD PHASE II Boundary Drain at Henry Miller Ave 07/Jul/2005 Nickel.Total Westside Coalition 4.26 μq/L 0.01 Boundary Drain at Henry Miller Ave 22/Jun/2005 UCD PHASE II 4.37 0.1 Westside Coalition Selenium,Total μg/L Boundary Drain at Henry Miller Ave Boundary Drain at Henry Miller Ave 03/Aug/2005 07/Jul/2005 5.0 5.13 μg/L μg/L Westside Coalition UCD PHASE II Selenium.Total 5 5 0.1 UCD PHASE II 0.1 Westside Coalition Selenium, Total UCD PHASE II UCD PHASE II Boundary Drain at Henry Miller Ave 20/Jul/2005 Selenium, Total 0.1 Westside Coalition μg/L 8.88 μg/L μg/L Westside Coalition Boundary Drain at Henry Miller Ave 20/Jul/2005 Zinc.Total 0.1 Westside Coalition Boundary Drain at Henry Miller Ave 07/Jul/2005 UCD PHASE II Zinc,Total 0.1 9.1 Westside Coalition Boundary Drain at Henry Miller Ave 03/Aug/2005 UCD PHASE II UCD PHASE II Zinc,Total 9.64 μg/L 0.1 Westside Coalition Boundary Drain at Henry Miller Ave 22/Jun/2005 Zinc,Total 10.2 μg/L μg/L 0.1 Island Field Drain at Catrina Rd UCD PHASE II Arsenic,Total 6.23 0.1 Westside Coalition 03/Aug/2005 Westside Coalition Island Field Drain at Catrina Rd 07/Jul/2005 UCD PHASE II Arsenic, Total 6.31 μg/L 0.1 UCD PHASE II Westside Coalition Island Field Drain at Catrina Rd 22/Jun/2005 Arsenic.Total μg/L μg/L 6.78 0.1 Westside Coalition Island Field Drain at Catrina Rd 20/Jul/2005 UCD PHASE II Arsenic,Total Westside Coalition Island Field Drain at Catrina Rd 22/Jun/2005 UCD PHASE II Boron, Total 0.0333 mg/L 0.0002 20/Jul/2005 UCD PHASE II Boron,Total 0.0002 Westside Coalition Island Field Drain at Catrina Rd 0.203 ma/L Island Field Drain at Catrina Rd 03/Aug/2005 UCD PHASE II 0.0002 Westside Coalition Boron, Total 0.207 mg/L LICD PHASE II mg/L μg/L Westside Coalition Island Field Drain at Catrina Rd 07/Jul/2005 Boron.Total 0.243 0.0002 UCD PHASE II Westside Coalition Island Field Drain at Catrina Rd 07/Jul/2005 Cadmium, Total 0.07 0.01 0.07 UCD PHASE II UCD PHASE II Westside Coalition Island Field Drain at Catrina Rd 22/Jun/2005 Cadmium, Total 0.08 0.07 0.07 μg/L 0.01 03/Aug/2005 0.08 0.01 Westside Coalition Island Field Drain at Catrina Rd Cadmium.Total μg/L Westside Coalition Island Field Drain at Catrina Rd 20/Jul/2005 UCD PHASE II Cadmium, Total 0.07 μg/L 0.01 Westside Coalition Island Field Drain at Catrina Rd 03/Aug/2005 UCD PHASE II Copper,Total 6.08 12 9.4 μg/L 0.01 UCD PHASE II Island Field Drain at Catrina Rd 22/Jun/2005 Westside Coalition Copper.Total 6.57 µg/L 0.01 07/Jul/2005 UCD PHASE II 11 Westside Coalition Island Field Drain at Catrina Rd Copper,Total 0.01 μg/L 13 2.0 Copper,Total Lead,Total Westside Coalition Island Field Drain at Catrina Rd 20/.lul/2005 UCD PHASE II 8 43 μg/L 0.01 UCD PHASE II Island Field Drain at Catrina Rd 22/Jun/2005 0.01 Westside Coalition 1.82 μq/L Island Field Drain at Catrina Rd 03/Aug/2005 UCD PHASE II 2.0 μg/L 0.01 Westside Coalition Lead, Total LICD PHASE II 2 57 μg/L μg/L Westside Coalition Island Field Drain at Catrina Rd 07/Jul/2005 Lead Total 2.0 0.01 Island Field Drain at Catrina Rd 20/Jul/2005 UCD PHASE II 3.05 Westside Coalition Lead, Total 0.01 03/Aug/2005 22/Jun/2005 UCD PHASE II UCD PHASE II Westside Coalition Island Field Drain at Catrina Rd Nickel, Total 3.91 μg/L 0.01 Nickel.Total Westside Coalition Island Field Drain at Catrina Rd 5.57 0.01

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program ater Quality Goal Detection Limit Coalition Area Date Name Sample Collected F Method Result Units Sample Site Island Field Drain at Catrina Rd 07/Jul/2005 UCD PHASE II 5.69 0.01 Westside Coalition μg/l Westside Coalition Island Field Drain at Catrina Rd 20/Jul/2005 LICD PHASE II Nickel.Total 6.31 μg/L 0.01 UCD PHASE II 22/Jun/2005 1.91 Selenium, Total μg/L μg/L Westside Coalition Island Field Drain at Catrina Rd 0.1 Westside Coalition Island Field Drain at Catrina Rd 07/Jul/2005 UCD PHASE II Selenium, Total 1.99 0.1 Westside Coalition Island Field Drain at Catrina Rd 03/Aug/2005 20/Jul/2005 UCD PHASE II Selenium.Total 2.38 μg/L μg/L 0.1 UCD PHASE II 2.94 Westside Coalition Island Field Drain at Catrina Rd Selenium,Total UCD PHASE II UCD PHASE II Westside Coalition Island Field Drain at Catrina Rd 03/Aug/2005 Zinc,Total 13.7 μg/L 0.1 Westside Coalition Island Field Drain at Catrina Rd 22/Jun/2005 Zinc.Total 13.8 μg/L 0.1 Island Field Drain at Catrina Rd 07/Jul/2005 UCD PHASE II 0.1 Westside Coalition Zinc,Total 20 μg/L Westside Coalition Island Field Drain at Catrina Rd 20/Jul/2005 UCD PHASE II Zinc,Total 23.3 μg/L 0.1 UCD PHASE II Orestimba Creek at Kilburn Road 26/Aug/2004 2.42 0.1 Westside Coalition Arsenic.Total μg/L UCD PHASE II Westside Coalition Orestimba Creek at Kilburn Road 29/Jul/2004 Arsenic, Total 2.78 μg/L 0.1 Westside Coalition Orestimba Creek at Kilburn Road 09/Sep/2004 UCD PHASE II Arsenic.Total 2.85 μg/L 0.1 15/Jul/2004 UCD PHASE II Westside Coalition Orestimba Creek at Kilburn Road Arsenic.Total 2.9 0.1 μg/L Westside Coalition Orestimba Creek at Kilburn Road 12/Aug/2004 UCD PHASE II 3.26 μg/L 0.1 Arsenic, Total Orestimba Creek at Kilburn Road UCD PHASE II mg/L mg/L Westside Coalition 29/Jul/2004 Boron, Total 191 Westside Coalition Orestimba Creek at Kilburn Road 15/Jul/2004 UCD PHASE II Boron,Total 205 Westside Coalition Orestimba Creek at Kilburn Road 26/Aug/2004 LICD PHASE II Boron, Total 254 0.1 mg/L UCD PHASE II 12/Aug/2004 287 Westside Coalition Orestimba Creek at Kilburn Road Boron, Total mg/L Westside Coalition Orestimba Creek at Kilburn Road 09/Sep/2004 UCD PHASE II Boron, Total 353 mg/L 0.1 Westside Coalition Orestimba Creek at Kilburn Road 26/Aug/2004 LICD PHASE II Cadmium,Total 0.025 μg/L 0.01 UCD PHASE II 09/Sep/2004 Westside Coalition Orestimba Creek at Kilburn Road Cadmium.Total 0.027 μg/L 0.01 12/Aug/2004 UCD PHASE II Westside Coalition Orestimba Creek at Kilburn Road Cadmium, Total 0.054 μg/L 0.01 Westside Coalition Orestimba Creek at Kilburn Road 15/Jul/2004 UCD PHASE II Cadmium.Total 0.07 0.07 0.07 μg/L 0.01 Orestimba Creek at Kilburn Road 29/Jul/2004 UCD PHASE II 0.07 0.01 Westside Coalition Cadmium.Total µg/L 27 22 24 Westside Coalition Orestimba Creek at Kilburn Road 09/Sep/2004 UCD PHASE II Copper,Total 6.15 μg/L 0.01 UCD PHASE II Westside Coalition Orestimba Creek at Kilburn Road 26/Aug/2004 Copper, Total 6.28 μg/L 0.01 Westside Coalition Orestimba Creek at Kilburn Road 12/Aug/2004 UCD PHASE II 10.9 0.01 Copper.Total μg/L 15 17.2 2.0 Westside Coalition Orestimba Creek at Kilburn Road 15/Jul/2004 UCD PHASE II Copper,Total 12.2 μg/L 0.003 UCD PHASE II 13.2 1.33 μg/L μg/L Westside Coalition Orestimba Creek at Kilburn Road 29/Jul/2004 Copper, Total 0.003 UCD PHASE II Westside Coalition Orestimba Creek at Kilburn Road 09/Sep/2004 Lead, Total 0.01 26/Aug/2004 12/Aug/2004 2.0 Westside Coalition Orestimba Creek at Kilburn Road LICD PHASE II Lead.Total 1.48 μg/L 0.01 UCD PHASE II Orestimba Creek at Kilburn Road 3.32 μg/L 0.01 Westside Coalition Lead.Tota Westside Coalition Orestimba Creek at Kilburn Road 29/Jul/2004 UCD PHASE II Lead,Total 4.23 2.0 μg/L 0.002 Westside Coalition Orestimba Creek at Kilburn Road 15/Jul/2004 UCD PHASE II Lead, Total 4.3 2.0 μg/L 0.002 Orestimba Creek at Kilburn Road 09/Sep/2004 UCD PHASE II Nickel, Total 7.11 0.01 Westside Coalition μg/L UCD PHASE II Westside Coalition Orestimba Creek at Kilburn Road 26/Aug/2004 Nickel, Total 7.94 μg/L 0.01 UCD PHASE II 15.2 17.7 Westside Coalition Orestimba Creek at Kilburn Road 29/Jul/2004 Nickel.Total 12 μg/L 0.01 12 Westside Coalition Orestimba Creek at Kilburn Road 12/Aug/2004 UCD PHASE II Nickel, Total 0.01 ua/L Westside Coalition Orestimba Creek at Kilburn Road 15/Jul/2004 UCD PHASE II Nickel.Total 22 R 12 μg/L 0.01 UCD PHASE II 15/Jul/2004 1.78 μg/L μg/L 0.1 0.1 Westside Coalition Orestimba Creek at Kilburn Road Selenium.Total Westside Coalition Orestimba Creek at Kilburn Road 29/Jul/2004 UCD PHASE II 1.89 Selenium, Total Westside Coalition Orestimba Creek at Kilburn Road 26/Aug/2004 LICD PHASE II Selenium.Total 2.24 3.28 μg/L 0.1 UCD PHASE II 12/Aug/2004 Selenium, Total Orestimba Creek at Kilburn Road 0.1 Westside Coalition μg/L Orestimba Creek at Kilburn Road 09/Sep/2004 UCD PHASE II μg/L 0.1 Westside Coalition Selenium, Total 3.41 Westside Coalition Orestimba Creek at Kilburn Road 09/Sep/2004 UCD PHASE II Zinc.Total 6.42 μg/L 0.1 Orestimba Creek at Kilburn Road 26/Aug/2004 UCD PHASE II 7.45 Westside Coalition Zinc,Total μg/L 0.1 Orestimba Creek at Kilburn Road Westside Coalition 29/Jul/2004 UCD PHASE II Zinc,Total 19.9 μg/L 0.02 Westside Coalition Orestimba Creek at Kilburn Road 12/Aug/2004 UCD PHASE II Zinc.Total 20.2 306 μg/L 0.1 Orestimba Creek at Kilburn Road 15/Jul/2004 UCD PHASE II 22.1 0.02 Westside Coalition Zinc.Total ua/L Westside Coalition Poso Drain at NE corner of Turner Island and 26/Aug/2004 UCD PHASE II Arsenic, Total 7 89 μg/L 0.1 UCD PHASE II 29/Jul/2004 Westside Coalition Poso Drain at NE corner of Turner Island and Arsenic.Total 7.95 μg/L 0.1 Westside Coalition UCD PHASE II 0.1 Poso Drain at NE corner of Turner Island and 15/Jul/2004 Arsenic, Total 7.98 µg/L Poso Drain at NE corner of Turner Island and Westside Coalition 09/Sep/2004 UCD PHASE II Arsenic.Total 8.11 μg/L 0.1 UCD PHASE II Poso Drain at NE corner of Turner Island and 12/Aug/2004 Westside Coalition Arsenic.Total 8.2 μq/L 0.1 Poso Drain at NE corner of Turner Island and UCD PHASE II Boron,Total 215 Westside Coalition 29/Jul/2004 mg/L Westside Coalition Poso Drain at NE corner of Turner Island and 15/.lul/2004 UCD PHASE II Boron.Total 225 mg/L UCD PHASE II 226 Westside Coalition Poso Drain at NE corner of Turner Island and 12/Aug/2004 Boron, Total ma/L Poso Drain at NE corner of Turner Island and 26/Aug/2004 UCD PHASE II Westside Coalition Boron, Total 328 mg/L 0.1 UCD PHASE II Westside Coalition Poso Drain at NE corner of Turner Island and 09/Sep/2004 Boron.Total 362 mg/L 0.1 Westside Coalition Poso Drain at NE corner of Turner Island and 09/Sep/2004 UCD PHASE II Cadmium, Total 0.052 0.01 µg/L Westside Coalition Poso Drain at NE corner of Turner Island and 26/Aug/2004 UCD PHASE II UCD PHASE II Cadmium, Total 0.061 μg/L 0.01 Westside Coalition Poso Drain at NE corner of Turner Island and 12/Aug/2004 Cadmium.Total 0.088 0.07 μg/L 0.01 29/Jul/2004 UCD PHASE II 0.12 Westside Coalition Poso Drain at NE corner of Turner Island and Cadmium, Total 0.07 0.01 μg/L Westside Coalition Poso Drain at NE corner of Turner Island and 15/Jul/2004 UCD PHASE II Cadmium.Total 0.9 0.07 μg/L 0.01 UCD PHASE II 4.36 Poso Drain at NE corner of Turner Island and 09/Sep/2004 18 19 μg/L μg/L 0.01 Westside Coalition Copper.Total Westside Coalition Poso Drain at NE corner of Turner Island and 26/Aug/2004 UCD PHASE II 4.76 0.01 Copper, Total 12/Aug/2004 15/Jul/2004 μg/L μg/L Westside Coalition Poso Drain at NE corner of Turner Island and UCD PHASE II Copper, Total 8 51 14 14 0.01 UCD PHASE II 9.37 Westside Coalition Poso Drain at NE corner of Turner Island and Copper.Total 0.003 Poso Drain at NE corner of Turner Island and 29/Jul/2004 UCD PHASE II 15 μg/L 0.003 Westside Coalition Copper, Total 9.66 2.0 2.0 μg/L μg/L Westside Coalition Poso Drain at NE corner of Turner Island and 09/Sep/2004 UCD PHASE II Lead Total 0.883 0.01 UCD PHASE II Poso Drain at NE corner of Turner Island and 26/Aug/2004 0.01 Westside Coalition Lead, Total 1.16 UCD PHASE II UCD PHASE II Westside Coalition Poso Drain at NE corner of Turner Island and 12/Aug/2004 Lead, Total 2.0 μg/L 0.01 15/Jul/2004 Westside Coalition Poso Drain at NE corner of Turner Island and Lead.Total 2.98 2.0 μg/L 0.002 Westside Coalition Poso Drain at NE corner of Turner Island and 29/Jul/2004 UCD PHASE II Lead, Total 3.56 μg/L 0.002 Westside Coalition Poso Drain at NE corner of Turner Island and 09/Sep/2004 UCD PHASE II Nickel.Total 4 25 μg/L 0.01 UCD PHASE II 26/Aug/2004 Westside Coalition Poso Drain at NE corner of Turner Island and Nickel.Total 5.08 μq/L 0.01 UCD PHASE II Westside Coalition Poso Drain at NE corner of Turner Island and 12/Aug/2004 Nickel, Total 9.84 μg/L 0.01 Westside Coalition Poso Drain at NE corner of Turner Island and 15/Jul/2004 UCD PHASE II Nickel Total 9.91 μg/L 0.01 UCD PHASE II 29/Jul/2004 Poso Drain at NE corner of Turner Island and Nickel, Total 10.2 Westside Coalition μq/L 0.01 Poso Drain at NE corner of Turner Island and 12/Aug/2004 UCD PHASE II µg/L 0.1 Westside Coalition Selenium, Total 1.61 Poso Drain at NE corner of Turner Island and Poso Drain at NE corner of Turner Island and μg/L μg/L Westside Coalition 29/.lul/2004 UCD PHASE II Selenium Total 1.75 0.1 Westside Coalition UCD PHASE II 0.1 26/Aug/2004 Selenium, Total 1.93 UCD PHASE II UCD PHASE II Westside Coalition Poso Drain at NE corner of Turner Island and 15/Jul/2004 Selenium, Total 2.13 μg/L 0.1 Poso Drain at NE corner of Turner Island and 09/Sep/2004 2.21 Westside Coalition Selenium.Total 0.1

DRAFT TABLE 080606 - Metals results in water column tests from Irrigated Lands Conditional Waiver Program

DRAFT TABLE 080606 - Metals results in water column tests from irrigated Lands Conditional Walver Program								
Coalition Area	Site Name	Sample Date	Sample Collected By	Analyte	Result	Water Quality Goal	Units	Method Detection Limit
Westside Coalition	Poso Drain at NE corner of Turner Island and	09/Sep/2004	UCD PHASE II	Zinc,Total	7.58		μg/L	0.1
Westside Coalition	Poso Drain at NE corner of Turner Island and	26/Aug/2004	UCD PHASE II	Zinc,Total	9.59		μg/L	0.1
Westside Coalition	Poso Drain at NE corner of Turner Island and	12/Aug/2004	UCD PHASE II	Zinc,Total	21.8	178	μg/L	0.1
Westside Coalition	Poso Drain at NE corner of Turner Island and	15/Jul/2004	UCD PHASE II	Zinc,Total	23.2	181	μg/L	0.02
Westside Coalition	Poso Drain at NE corner of Turner Island and	29/Jul/2004	UCD PHASE II	Zinc,Total	25.8	194	μg/L	0.02

^{*}Aluminum toxicity may vary depending on the presence of suspended clay in water sample